NOTICE OF INTENT TO ADOPT MITIGATED NEGATIVE DECLARATION

HERMOSILLO PARK STORMWATER CAPTURE AND PARK REHABILITATION PROJECT

Lead Agency: City of Norwalk, Engineering Division; 12700 Norwalk Boulevard, Norwalk, CA 90650

Contact: Run Chen, (562) 929-5724, rchen@norwalkca.gov

The City of Norwalk (City), as the lead agency under the California Environmental Quality Act (CEQA), has prepared and plans to adopt a Mitigated Negative Declaration (MND) for the Hermosillo Park Stormwater Capture and Park Rehabilitation Project (project). The City is hereby notifying agencies and members of the public that may be interested in the project as to the availability of the MND, and the procedures for public review and comment on the document.

Project Location: The project is located within Hermosillo Park, an outdoor public recreation facility owned and maintained by the City that is located north of 162nd Street, east of Clarkdale Avenue and west of Horst Avenue.

Project Description: The project entails constructing and operating a stormwater capture, treatment, and infiltration facility within the northern portion of the park, and implementing a comprehensive park rehabilitation project to replace existing park features with improved amenities. The stormwater capture and filtration facility would intercept stormwater and dry-weather flow from two existing storm drains and convey flows into a treatment system and a series of three underground reservoirs that would be installed beneath proposed soccer fields for infiltration into the groundwater basin. An outflow pipe would be installed to convey excess water from the reservoirs back to the storm drains during heavy storms when all the water is not able to infiltrate. Park improvements would include a new, larger community center building; replacing the two existing multi-use grass fields with new soccer fields; replacing the basketball and handball courts; and replacing the existing fountain with a children's splash pad water feature. The parking lot would be reconfigured and expanded to provide additional on-site parking.

Environmental Effects: The MND identifies potentially significant impacts with respect to air quality, biological resources, geology and soils, hazards and hazardous materials, and tribal cultural resources. Mitigation measures have been incorporated into the project that either avoid the project's impacts or reduce them to less-than-significant levels.

Availability of Document: The MND is being made available for public review commencing on April 30, 2024, and ending on May 20, 2024. The MND and supporting appendices are available for review at the City of Norwalk's website: https://www.norwalkc.org/city-hall/meeting-agendas/public-notifications.

Comments: The City will be accepting written comments on the MND for consideration prior to adoption of the document. **Comments must be received no later than 5:00 p.m. on May 20, 2024**, and can be submitted by mail to:

City of Norwalk
12700 Norwalk Boulevard
Norwalk, CA 90650
Attn: Run Chen

Comments will also be accepted by email to Run Chen at rchen@norwalkca.gov. Please include **"Hermosillo Park Project MND Comments"** in the email subject line.

Public Hearing: The Nowalk City Council will hear public comments on the MND and consider adoption of the MND at their meeting on May 21, 2024. Interested parties are invited to review the MND at: https://www.norwalkc.org/city-hall/meeting-agendas/public-notifications. The MND is available for in-person review by visiting City Hall Room 12. Written comments may be submitted via mail or email. Address written comments: Attention: Engineering Division – Run Chen, P.E., at the address noted above or by email to rchen@norwalkca.gov.

Dated this 29th day of April 2024.

Theresa Devoy, CMC
City Clerk

Mitigated Negative Declaration

Hermosillo Park Stormwater Capture and Park Rehabilitation Project

MARCH 2024

Prepared for:

CITY OF NORWALK
12700 Norwalk Boulevard
Norwalk, California 90650
Contact: Run Chen

Prepared by:

DUDEK

2280 Historic Decatur Road, Suite 200
San Diego, California 92106
Contact: Alex Hardy

Table of Contents

SECTION **PAGE**

Acronyms and Abbreviations v

1 Introduction 1
- 1.1 Project Background and Overview 1
- 1.2 Purpose and Need 2
- 1.3 California Environmental Quality Act Compliance 3
  - 1.3.1 Authority to Prepare an MND 3
  - 1.3.2 Public Review and Final MND Process 3

2 Project Description 5
- 2.1 Project Location and Environmental Setting 5
- 2.2 Project Characteristics 5
  - 2.2.1 Stormwater Capture Project 5
  - 2.2.2 Park Rehabilitation Project 7
  - 2.2.3 Temporary Construction Access, Staging, and Park Closure 9
- 2.3 Construction Phasing and Schedule 9
- 2.4 Project Operation 11
- 2.5 Permits and Approvals 11

3 Initial Study Checklist 13
- 3.1 Aesthetics 17
- 3.2 Agriculture and Forestry Resources 19
- 3.3 Air Quality 21
- 3.4 Biological Resources 35
- 3.5 Cultural Resources 38
- 3.6 Energy 43
- 3.7 Geology and Soils 47
- 3.8 Greenhouse Gas Emissions 50
- 3.9 Hazards and Hazardous Materials 57
- 3.10 Hydrology and Water Quality 60
- 3.11 Land Use and Planning 63
- 3.12 Mineral Resources 65
- 3.13 Noise 65
- 3.14 Population and Housing 71
- 3.15 Public Services 72
- 3.16 Recreation 73
- 3.17 Transportation 74
- 3.18 Tribal Cultural Resources 83
- 3.19 Utilities and Service Systems 86

3.20 Wildfire 88
3.21 Mandatory Findings of Significance 90

4 References and Preparers 93
4.1 References 93
4.2 List of Preparers 97

FIGURES

Figure 1 Project Location 99
Figure 2 Project Site and Existing Features 101
Figure 3 Proposed Stormwater Capture and Treatment System 103
Figure 4 Proposed Park Improvements 105
Figure 5 Existing Transit Facilities 107
Figure 6 City of Norwalk Existing Bikeway Network 109
Figure 7 City of Norwalk Planned Bikeways 111
Figure 8 Designated Truck Routes 113

TABLES

2-1 Anticipated Construction Phasing and Equipment 10
3.3-1 SCAQMD Air Quality Significance Thresholds 24
3.3-2 Estimated Maximum Daily Construction Criteria Air Pollutant Emissions - Unmitigated 26
3.3-3 Estimated Maximum Daily Operational Criteria Air Pollutant Emissions - Unmitigated 27
3.3-4 Construction Localized Significance Thresholds Analysis - Unmitigated 29
3.3-5 Construction Localized Significance Thresholds Analysis - Mitigated 29
3.3-6 American Meteorological Society/Environmental Protection Agency Regulatory Model Principal Parameters 31
3.3-7 Construction Health Risk Assessment Results – Unmitigated 32
3.5-1 Previous Technical Studies Within 0.5 Miles of the Project Site 39
3.6-1 Total Proposed Project Construction Petroleum Demand 44
3.6-2 Petroleum Demand - Operations 46
3.8-1 Estimated Annual Construction Greenhouse Gas Emissions 53
3.8-2 Estimated Annual Operational GHG Emissions 54
3.13-1 Measured Samples of Existing Outdoor Ambient Sound Level 66
3.13-2 Estimated Per-Phase Construction Noise Levels 68
3.13-3 Predicted Stationary Source Operation Noise Levels 69
3.17-1 Project Trip Generation (Peak Construction) 77
3.17-2 Weekday Project Trip Generation (Operations) 79
3.17-3 Saturday Project Trip Generation (Operations) 79
3.18-1 Assembly Bill 52 Native American Tribal Outreach Results 84

APPENDICES

A Air Quality and Greenhouse Gas Modeling

B Biological Resources Due Diligence Report

C Noise Modeling Data

D Tribal Cultural Resources Consultation Materials (Confidential)

INTENTIONALLY LEFT BLANK

Acronyms and Abbreviations

Acronym/Abbreviation	Definition
AB	Assembly Bill
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
AQMP	air quality management plan
BMP	best management practice
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
CARB	California Air Resources Board
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CFC	California Fire Code
CH_4	methane
CHRIS	California Historical Resources Information System
City	City of Norwalk
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
CRHR	California Register of Historic Resources
dBA	A-weighted decibel
DPM	diesel particulate matter
FTA	Federal Transit Administration
GHG	greenhouse gas
GWP	global warming potential
HARP2	Hotspots Analysis and Reporting Program Version 2
HRA	health risk assessment
HVAC	heating, ventilating, and air conditioning
I	Interstate
ips	inches per second
IS	initial study
kBtu	kilo-British thermal units
kWh	kilowatt-hours
LACM	Natural History Museum of Los Angeles County
L_{eq}	equivalent noise level over a given period
LSGR	Lower San Gabriel River
LST	localized significance threshold
Metro	Los Angeles County Metropolitan Transportation Authority
MM	Mitigation Measure
MND	mitigated negative declaration
MS4	Municipal Separate Storm Sewer System
MT	metric tons
N_2O	nitrous oxide

Acronym/Abbreviation	Definition
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NO_2	nitrogen dioxide
NO_x	oxides of nitrogen
NTS	Norwalk Transit System
O_3	ozone
PM_{10}	particulate matter with an aerodynamic diameter equal to or less than 10 microns
$PM_{2.5}$	particulate matter with an aerodynamic diameter equal to or less than 2.5 microns
PPV	peak particle velocity
PRC	California Public Resources Code
RTP	Regional Transportation Plan
SB	Senate Bill
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCCIC	South Central Coastal Information Center
SCS	Sustainable Communities Strategy
SLF	Sacred Lands File
SR	State Route
SRA	Source-Receptor Area
SWPPP	stormwater pollution prevention plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TCR	tribal cultural resource
USFWS	U.S. Fish and Wildlife Service
VMT	vehicle miles traveled
VOC	volatile organic compound
WMP	Watershed Management Program

1 Introduction

The City of Norwalk (City) has prepared this mitigated negative declaration (MND) to assess and disclose the potential impacts on the environment of the Hermosillo Park Stormwater Capture and Park Rehabilitation Project (project) pursuant to the California Environmental Quality Act (CEQA) (California Public Resources Code [PRC] Section 21000, et. seq). This section of the MND provides information on project background, explains the project's purpose and need, and describes the City's CEQA obligations associated with approving and implementing the project.

1.1 Project Background and Overview

Hermosillo Park is a multipurpose public recreation facility operated by the City's Recreation and Park Services Department. It is located in the southern portion of the City at 162nd Street, east of Clarkdale Avenue and west of Horst Avenue. Additional information regarding Hermosillo Park is provided in Section 2.1, Project Location and Environmental Setting. Most existing amenities at Hermosillo Park date back to the 1970s. The City prepared a Parks Master Plan in 2008 that identified the need for improvements and additional recreation features at Hermosillo Park. In 2018 the City began the planning work on a comprehensive rehabilitation project, and they initiated public outreach in 2019 to solicit input from neighbors and park users to guide the planning process. In March 2021, the City applied for grant funding under the California Department of Parks and Recreation's Statewide Park Development and Community Revitalization Program, which provides financial resources for park projects in underserved communities across the state (California Department of Parks and Recreation 2023). While proceeding with the planning process for the rehabilitation project at Hermosillo Park, the City recognized an opportunity to combine that project with a stormwater improvement project using funds from the Los Angeles County Flood Control District's Safe Clean Water Program, which was created by voter approval of Los Angeles County's Measure W in 2018 (County of Los Angeles 2023).

The City is a member of the Lower San Gabriel River Watershed Group (Watershed Group) and is the coordinating agency for the Watershed Group's Watershed Management Program (WMP) and Coordinated Integrated Monitoring Program. The Watershed Group formed to plan, implement, and manage water quality control projects in the watersheds of the Lower San Gabriel River (LSGR) and its tributaries, including Coyote Creek (Los Angeles RWQCB 2023). The Watershed Group is a collaborative effort of 13 municipalities,[1] the California Department of Transportation, and the Los Angeles County Flood Control District, which respectively are governed by the Los Angeles County Municipal Separate Storm Sewer System (MS4) Permit (Order No. R4-2012-0175), the Long Beach MS4 Permit (Order R4-2014-0024), and the California Department of Transportation Stormwater Permit (Order 2012-0011-DWQ). The LSGR watershed comprises 78.5 square miles in the southeastern portion of Los Angeles County, draining into the Pacific Ocean via a channelized portion of the San Gabriel River, along the border of the Cities of Long Beach and Seal Beach (Watershed Group 2017). The Watershed Group prepared the WMP in 2015 (updated in 2017) to plan and prioritize projects implementing the requirements of the MS4 permits on a watershed scale (Watershed Group 2017). Several potential sites for implementing projects to capture and treat stormwater runoff within the watershed are identified in the WMP, including the City's Hermosillo Park.

A 10-foot by 10-foot reinforced concrete box storm drain operated by Los Angeles County Flood Control District runs north to south through the center of Hermosillo Park, and a 108-inch-diameter storm drain operated by Los Angeles

[1] The LSGR Watershed Group municipalities are Norwalk, Artesia, Bellflower, Cerritos, Diamond Bar, Downey, Hawaiian Gardens, La Mirada, Lakewood, Long Beach, Pico Rivera, Santa Fe Springs, and Whittier.

County Flood Control District runs north to south within Horst Avenue, approximately 350 feet east of the park. Based on the park's proximity to these two large-capacity drainage facilities, the WMP identified Hermosillo Park as an appropriate site for developing stormwater capture and treatment infrastructure. The City is now considering approval of such a project. The stormwater capture component of the project would divert and capture stormwater runoff from the two existing storm drain facilities into three subterranean concrete basins proposed beneath the park's existing grass fields. Prior to flow into the subsurface basins, runoff would be directed through a pre-treatment device that would remove trash, sediments, and solids present in the runoff. The basins would have permeable floors to allow physical infiltration of the pre-treated water into the ground to help recharge local groundwater and minimize the volume of water that must be conveyed by the existing storm drains. An outflow pipe and filtration pump unit would be installed to accommodate water during periods of heavy storm flow when the reservoir fills to its capacity, treating the water again before discharging it into the existing storm drain beneath Hermosillo Park. This project has the potential to offer runoff storage and water quality benefits for the City and other Watershed Group members, helping to achieve WMP goals and MS4 permit compliance.

Concurrently with construction of the proposed stormwater capture and filtration facility, the City also intends to implement other park improvements as part of this project to benefit community members and the environment. These improvements include installing two turf soccer fields with concrete bleacher seating, replacing the existing community center and restrooms building, replacing the existing basketball and handball courts, replacing the amphitheater and outdoor community events space, replacing and modernizing existing picnic areas and walking paths, adding shade structures, and reconfiguring and expanding the parking lot. Additional information on park improvements is provided in Section 2.2, Project Characteristics.

The City is implementing the project in their capacity as an MS4 permittee and member of the WMP and would be responsible for operating and maintaining the project facilities. The City has completed initial design of the stormwater capture project and park rehabilitation and issued a design-build contract to complete the remaining design needs and construction work. Approval of the design-build contract's grading plan by the City Council would be the discretionary action of the City subject to CEQA compliance.

1.2 Purpose and Need

The project's primary purpose is to decrease the amount of pollutants in stormwater and dry-weather runoff entering Coyote Creek and the San Gabriel River. The Watershed Group has identified a need for watershed control measures and structural best management practices (BMPs) to address water quality objectives within the watershed. The City has identified the additional needs of rehabilitating and modernizing public recreation facilities at Hermosillo Park and addressing concern for public safety at the park. The City's objectives in implementing the project are as follows:

- Improve water quality in Coyote Creek, San Gabriel River, and local groundwater basin
- Rehabilitate and improve public facilities at Hermosillo Park
- Add soccer fields at Hermosillo Park
- Add a police substation to the community center building to improve public safety at Hermosillo Park
- Increase vehicle parking capacity at Hermosillo Park to reduce reliance on street parking in the adjacent neighborhood

1.3 California Environmental Quality Act Compliance

1.3.1 Authority to Prepare an MND

Approval by the Norwalk City Council to allow commencement of project construction activity constitutes a discretionary action that triggers environmental review requirements pursuant to CEQA, with the City serving as lead agency. The City prepared a CEQA initial study (IS) to analyze and consider the environmental impacts of implementing the project, which is included as Chapter 3 of this document. Based on the results of the IS, the City determined that an MND is the appropriate environmental document for compliance with CEQA. As stated in Section 21064 of the CEQA statute, an MND may be prepared for a project subject to CEQA when an IS has identified no potentially significant effects on the environment when mitigation is identified that can reduce impacts to less-than-significant levels.

1.3.2 Public Review and Final MND Process

The City is making the MND available for public review and comment pursuant to Section 15073 of the CEQA Guidelines. A copy of the MND and related documents are available for review on the City's website (https://www.norwalkc.org/city-hall/meeting-agendas/public-notifications). The City has identified a 20-day review and comment period for the MND commencing April 29, 2024, and terminating May 20, 2024.

Comments on the MND may be submitted to the City in writing before the end of the public review period. In reviewing and commenting on the MND, interested public agencies and members of the public should focus on the adequacy of the document in identifying and analyzing the project's potential impacts on the environment. Written comments on the IS/MND will be accepted in hard copy or email format, and should be received at the following street address or email address by 5:00 p.m., May 20, 2024:

City of Norwalk
12700 Norwalk Boulevard
Norwalk, California 90650
Contact: Run Chen
Email: RChen@norwalkca.gov

Following the close of the public comment period, City staff will review all comments and may revise the MND if necessary to clarify the document's content. City staff will then prepare a final version of the MND that includes all comment letters received during the public review period and will send the MND to the City Council for adoption and consideration in their decision to approve the project.

The City has hired a design-build contractor to complete project design and construction. The environmental impact review presented in this MND is based on an initial design of the stormwater capture project (10% design) and a conceptual design of the park rehabilitation improvements, both of which were prepared by different companies not affiliated with the design-build contract. As additional design is completed following the City Council's adoption of the MND, City staff will review project details, compare them to the information presented in the MND, and determine conformance with the project's CEQA record. Minor deviations from the design assumed in the MND may be addressed either by a consistency determination by City staff or by an addendum to the MND. If subsequent changes in the project are substantial to the extent that they "require major revisions of the previous…negative

declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects," then the City would be required by Section 15162 of the CEQA Guidelines to prepare a subsequent MND, initiate an additional CEQA public review period, and send the subsequent MND to the City Council for adoption.

In November 2019, the City prepared a Notice of Exemption for the park rehabilitation project to accompany their Statewide Park Development and Community Revitalization Program grant application and filed the Notice of Exemption with the Los Angeles County Clerk pursuant to Section 15062 of the CEQA Guidelines. The park rehabilitation component of the project on its own is exempt from CEQA, but because it is being constructed in conjunction with the stormwater capture project that is not exempt from CEQA, the City has prepared this MND to address the environmental impacts of the entire project. If the City Council adopts the MND, City staff will prepare a Notice of Determination, which would supersede the 2019 Notice of Exemption, and file the Notice of Determination with the Los Angeles County Clerk and the California Office of Planning and Research State Clearinghouse.

2 Project Description

2.1 Project Location and Environmental Setting

The project is located in the southern portion of the City, which is in southern Los Angeles County, as shown in Figure 1, Project Location. The project site covers the entirety of Hermosillo Park, a recreation facility maintained by the City. The park is in a developed part of the City that primarily features residential development, along with areas of commercial, light industrial, and public uses. The park is bounded on the south by 162nd Street and on the north, east, and west by single-family residential properties. On the park's eastern and western sides, Algardi Street and 161st Street feature cul de sacs that abut the park, with gates providing pedestrian access but no vehicle access. Similar access is available from a Cobos Street cul de sac on the park's northern side. Sanchez Elementary School is located southwest of Hermosillo Park, across 162nd Street. Regional access to the park is from State Route (SR) 91, which is approximately 0.5 miles to the south; Interstate 605, which is approximately 1.5 miles to the west; and Interstate 5, which is approximately 1.5 miles to the northeast. A concrete-lined span of the San Gabriel River flows north to south approximately 1.75 miles west of Hermosillo Park. The site is designated as Open Space/Schools/Public Facilities in the City General Plan Land Use Map (City of Norwalk 2020) and is zoned as R1 (single-family residential) in the City Zoning Map (City of Norwalk 2023).

Hermosillo Park features flat terrain and is approximately 9 acres. Existing park uses are shown in Figure 2, Project Site and Existing Features. The northern half of the park features large grass fields and several picnic areas. The southern half of the park features a community center and restroom building, a concrete fountain, a children's playground, a small concrete amphitheater, one full-court basketball court, a four-court handball court, additional picnic areas, and an entry monument sign. An asphalt parking lot is located along the eastern side of the park's southern boundary, accessed from 162nd Street, and features 18 regular parking spaces, one handicapped parking space, and dumpster storage. A concrete walking path runs around the park's perimeter and to the various recreational uses in the southern part of the park. Mature trees grow in various areas around the park. An irrigation system with underground pipes and sprinkler heads is in place throughout the park. City representatives have reported the park is a popular destination for recreation and social gatherings and is often overcrowded during peak times. The grass fields are not currently used by formal team-sports leagues, but accommodate team practices and informal groups that meet to play soccer and engage in other recreational activities.

2.2 Project Characteristics

The project entails constructing and operating a stormwater capture, treatment, and infiltration facility within the northern portion of Hermosillo Park and implementing a comprehensive park rehabilitation project to replace existing park features with improved amenities that will be similar in nature to the existing features. The project is currently in the preliminary design phase, and the City has developed certain design and engineering assumptions for purposes of defining the project for informational purposes and conducting environmental impact review pursuant to CEQA. Actual details of the project may vary from the information provided below.

2.2.1 Stormwater Capture Project

The stormwater capture, filtration, and infiltration facility would intercept stormwater and dry-weather flow from two existing storm drains and convey flows into a series of three underground reservoirs that would be installed beneath

the proposed soccer fields for infiltration into the groundwater basin. An outflow pipe would be installed to convey excess water from the reservoirs during heavy storms when all the water is not able to infiltrate. The water would pass through a filtration system before discharging back into one of the existing storm drains. The stormwater capture project features are shown in Figure 3, Proposed Stormwater Capture and Treatment System.

Stormwater Diversion Infrastructure and Pretreatment Devices

Two stormwater diversion structures would be constructed to connect the proposed system to existing storm drains beneath the park and in Horst Avenue. The diversion structures would be underground concrete vaults encasing the existing storm drains and connecting to 36-inch-diameter underground diversion pipelines. Each diversion structure would have a manhole for personnel and equipment access. One diversion pipeline would be entirely within the park boundaries, and the other would be installed beneath Algardi Street. The Algardi Street diversion structure and pipeline would carry water by gravity into an underground pretreatment device and then to the storm drain running beneath the park, which is larger and has greater capacity than the Horst Avenue storm drain. The second diversion structure and diversion pipeline would be downstream of that initial diversion pipeline outlet, which would allow the system to capture and divert water originating in the larger storm drain beneath the park and water diverted from the Horst Avenue facility. The diversion pipeline within the park would operate by an underground electric pump to pull water through an underground pretreatment device and then discharge into the reservoirs.

The pretreatment devices would be installed along the diversion pipeline alignment, with one located beneath the park and the other beneath Algardi Street. Each would be installed inside concrete vaults with manholes for personnel and equipment access. The devices typically are hydrodynamic separators, which direct water through a screen to filter out large debris and into a cylindrical separation chamber where water swirls and forces particles out of the runoff, settling them in an isolated sump. Hydrocarbons float to the top of the water surface and are prevented from being transported downstream.

Storage Reservoirs and Infiltration Galleries

After pretreatment, water would flow into three underground storage reservoirs installed beneath the existing turf multipurpose fields (the location of the proposed sports fields). The rectangular reservoirs would be formed as a series of precast cells made of reinforced, high-strength concrete. The reservoirs' floors would be permeable concrete to allow captured water to seep into the underlying aquifer and provide natural filtration through the soil.

The largest of the three reservoirs, proposed for the west side of the park (west of the storm drain), would have a capacity of 7.1 acre-feet (2.3 million gallons) and would have an area of approximately 56,300 square feet (1.3 acres). The two smaller reservoirs would be on the eastern side of the park (east of the storm drain), separated by the diversion pipe extending from Algardi Street. One is anticipated to have a capacity of 3.3-acre feet (1.1 million gallons) and an area of 26,200 square feet (0.6 acres), and the other is anticipated to have a capacity of 1.7 acre-feet (554,000 gallons) and an area of 13,300 square feet (0.3 acres). The larger, western reservoir would be connected directly to the diversion pipeline and a discharge pipeline for sending water back into the park storm drain. The other two reservoirs would be connected to the larger reservoir and to each other by 24-inch-diameter equalization pipes, which would allow water to pass between the reservoirs and balance their respective storage volumes.

Construction of the reservoirs would entail removing the field surface and excavating earth material up to approximately 20 feet below ground surface. Material would be placed into dump trucks and hauled off site to a licensed landfill or quarry for reuse or disposal. Excavation volume is estimated at a total of 37,000 cubic yards of

earth, which equates to an estimated 3,100 haul trips. Hauling is anticipated to occur over 13 weeks, with an average of 41 haul trips per day during that period. The full extent of the material haul route or routes would be determined by the contractor and City Public Works Department once a disposal site has been identified, but the local route would follow 162nd Street and then Pioneer Boulevard and/or Norwalk Boulevard to reach SR-91.

Post-Treatment and Discharge System

During smaller storm events, stormwater collected by the system is anticipated to infiltrate into the soils beneath the storage reservoirs and infiltration galleries. To reduce the reservoirs' size and maximize the project's treatment capacity, the system would not be designed to handle all captured storm flows solely through infiltration; during periods of heavy flow, some water would flow out of the basins through a 24-inch diversion pipe. Water from this diversion would flow through a post-treatment filtration device and then discharge back into the storm drain system through a connection south of the inlet diversion pipe. Water flowing back into the storm drain would be cleaner than when originally diverted, having been through pre- and post-treatment filter systems, as well as having been clarified while retained in the reservoirs.

Stormwater Harvesting Unit

The project proposes a stormwater harvesting unit comprising a smaller subsurface basin to capture and detain surface storm flows from within the park. A 2-inch recycled water main would augment the harvesting unit to supply water for park landscape irrigation. The irrigation line would also discharge to the project's western reservoir during heavy storm flows.

2.2.2 Park Rehabilitation Project

The proposed park rehabilitation would replace all existing amenities at Hermosillo Park with improved features that would allow for similar active and passive recreation uses as under existing conditions, but with an enhanced experience for park users. Park rehabilitation features are shown in Figure 4, Proposed Park Improvements, and described below.

Because construction of the stormwater capture project would require room for materials staging, contractor trailers, vehicle access, and maneuvering earthwork equipment within the site, the entire park area is expected to be closed to the public, fenced, and made available only to the contractor during construction. The City anticipates all existing facilities would be demolished and removed from the site, except for the children's play equipment and play surface in the center of the park, which is newer than other park facilities. All existing grass, trees, and landscaping are likely to be removed as part of contractor site preparation. Depending on the contractor's approach to construction, portions of the perimeter walkway and trees along the park perimeter may not require removal, but this MND assumes complete park closure and full removal of all existing features for conservative impact analysis purposes.

Soccer Fields

The project would remove the two existing multi-use grass fields that make up the northwestern and northeastern quadrant of Hermosillo Park and replace them with new field surfaces installed over the proposed stormwater capture reservoirs. The field surfaces would be either new grass or artificial turf, subject to final project design, but for conservative impact analysis this document assumes the fields will be artificial turf, representing a change from existing conditions. The City intends to make the fields available for organized recreational league play, with periods

of open availability to the general public. Each field would accommodate either a single soccer field layout for adult and older youth league play or two smaller fields for younger youth league play. There would be 30-foot-high sports netting installed around the fields to prevent balls from escaping the park. LED field lighting would be installed, with two light stanchions on each side of the two fields, for a total of eight stanchions. Lighting would be directed downward and designed to illuminate the field of play and limit direct visibility from neighboring residences.

Between the fields in the center of the park, the project would install concrete bleacher seating and a paved terrace for group gatherings and game spectators. This area would feature picnic tables, barbecue grills, shade canopies, and trees and other landscaping. A paved, lighted walkway would connect this area to the perimeter path on the north and the other park amenities on the south.

Basketball Courts and Handball Courts

The project would remove the existing outdoor full-court basketball court and replace it with one full-court and one half-court basketball court. The existing four-court handball structure would be replaced with a new three-court structure.

Playground and Splash Pad

The children's playground in the center of the park would be retained. A small corner of the play surface would be reconfigured to accommodate the eastern soccer field. A new splash pad water play area would be constructed south of the playground and east of the community center building, in the location of the existing amphitheater, which would be relocated.

Amphitheater

The amphitheater and outdoor community event space would be replaced by a similar feature and relocated to the existing grass field area east of the existing fountain, which would be demolished and removed.

Community Center Building

The existing community center building would be demolished and reconstructed in the same location, with a larger building and an expanded footprint. The new building would be 8,500 square feet, replacing the existing 3,100-square-foot building. The building would include a multipurpose room for community event rentals and City public programs, a Recreation and Park Services Department staff office space, a new police substation, a storage room, and a restroom. The park office would house one staff member and the police substation would house two staff members. The estimated occupancy of the new building would be 208 people, an increase from the existing building's capacity of 80. A new entry monument would be constructed on the southwest side of the building, adjacent to the expanded parking lot discussed below. A paved outdoor plaza would be constructed on the building's northeast side.

Parking Lot Reconfiguration and Expansion

The existing 19-stall (including one Americans with Disabilities Act [ADA] compliant stall) parking lot on the eastern side of the park's southern boundary would be reconstructed and expanded to the west. The reconfigured parking lot is anticipated to include a total of 154 parking stalls, with 6 of them being ADA-compliant stalls, for a net increase of 135 total stalls. The existing parking lot access driveway from 162nd Street would be maintained, and a second access driveway from 162nd Street would be added. An entry monument would be constructed at the eastern entry

point. New tree wells would be installed within the parking lot and additional landscaping would be provided along the parking lot's southern front with 162nd Street.

Tree Removal and Replacement

Most of the existing trees within the park are likely to be removed, although certain trees along the perimeter may be retained depending on the contractor's work area layout. All trees that are removed would be replaced with new trees, and new landscape would be added, for a net increase in trees and plants within the park and along the park perimeter.

Ancillary Park Improvements

Existing picnic benches, trash receptacles, barbecues, and lighting would be removed and replaced in new configurations. The perimeter walking path would be replaced in place, maintaining the pedestrian access points from the north, west, and east sides. A new irrigation system would be installed throughout the park to support the proposed trees, landscaping, and turf, if natural grass is installed.

2.2.3 Temporary Construction Access, Staging, and Park Closure

Construction access would be provided from the south along 162nd Street. Temporary equipment staging and construction trailers would be established within the existing park boundary, with no additional off-site staging anticipated to be needed. All of Hermosillo Park is expected to be closed to the public for the duration of project construction, which is anticipated to be 2 years.

Construction would also require temporary work in Algardi Street and Horst Avenue, including pavement removal, trench excavation, pipe and vault installation, and pavement resurfacing. Portions of traffic lanes would be closed during construction. All road closure would be performed pursuant to a traffic-control plan prepared by the contractor and approved by the City Engineer. Access to residential driveways would be maintained at all times.

2.3 Construction Phasing and Schedule

Table 2-1 presents the anticipated construction phasing, equipment usage, and duration assumed for the project for purposes of environmental impact analysis in this MND. These assumptions were developed in consultation with the project design engineers for consideration in Section 3.3, Air Quality; Section 3.6, Energy; Section 3.8, Greenhouse Gas Emissions; and Section 3.13, Noise. The total duration of project construction is anticipated to be 24 months, with some phases overlapping. Typical construction work hours would be Monday through Friday, 7:00 a.m. to 7:00 p.m. Night work is not anticipated.

Table 2-1. Anticipated Construction Phasing and Equipment

Construction Phase	Anticipated Equipment	Estimated Duration
Site mobilization, clearing, grubbing, and vegetation removal	Dozer	10 weeks
	Grader	
	Skid steer loader	
	Haul trucks	
Demolition of existing basketball courts, handball courts, community center building, amphitheater, and fountain	Dozer	6 weeks
	Skid steer loader	
	Jack hammer	
	Haul trucks	
Reservoir excavation	Dozer	20 weeks
	Backhoe loaders	
	Skid steer loader	
	Haul trucks	
Reservoir construction	Crane	25 weeks
	Dozer	
	Skid steer loader	
Pipe, diversion structure, and treatment facility/pump installation	Crane	12 weeks
	Trencher	
	Skid steer loader	
	Haul trucks	
Field surface replacement	Grader	6 weeks
	Skid steer loader	
	Turf aerator	
	Spreader sprayer	
Upper terrace and bleacher construction	Crane	8 weeks
	Telehandler	
	Cement mixer	
	Boom lift	
Community center building construction	Crane	12 weeks
	Telehandler	
	Cement mixer	
	Boom lift	
Basketball court, handball court, amphitheater, and splash pad construction	Crane	8 weeks
	Telehandler	
	Cement mixer	
	Boom lift	
Parking lot reconfiguration	Skid steer loader	8 weeks
	Drum roller	
	Dump trucks	
	Compactor	

Table 2-1. Anticipated Construction Phasing and Equipment

Construction Phase	Anticipated Equipment	Estimated Duration
	Asphalt paver	
Concrete pathway improvements	Concrete mixer	4 weeks
Ancillary park improvements	Crane	8 weeks
	Skid steer loader	
	Forklift	
	Cement mixer	

2.4 Project Operation

Once construction is complete, project operation is anticipated to entail routine maintenance performed by the City at the stormwater capture facility and other park features. Reservoir maintenance would entail removal of debris and pollutant constituents from the treatment devices, pump testing and calibration, and cleaning the storage reservoirs.

The new soccer fields and other park improvements are anticipated to support increased use of the park, including use from league soccer games and practices. Public use of the community center would be similar to that of the existing building, but the expanded center would accommodate slightly larger groups. The police substation would also add a new permanent use to the community center building. The expanded parking lot is anticipated to accommodate the increase in park use and activity without causing greater reliance on street parking in the adjacent residential neighborhood.

2.5 Permits and Approvals

The City of Norwalk is the CEQA lead agency, with the Norwalk City Council holding primary responsibility for adopting this MND and approving commencement of project construction. The project will also require the issuance of a building permit by the City for the proposed community center building. Other public agency approvals include the following:

- A Flood Construction Permit issued by the Los Angeles County Flood Control District
- The State Water Resources Control Board (SWRCB) will serve as a responsible agency under CEQA for their approval of a stormwater pollution prevention plan (SWPPP) in compliance with the Construction General Permit.

INTENTIONALLY LEFT BLANK

3 Initial Study Checklist

1. **Project title:**

   Hermosillo Park Stormwater Capture and Park Rehabilitation Project

2. **Lead agency name and address:**

   City of Norwalk,
   12700 Norwalk Boulevard,
   Norwalk, California 90650

3. **Contact person and phone number:**

   Run Chen P.E., PMP
   562.929.5700

4. **Project location:**

   The project is located in the southern portion of the City of Norwalk in southern Los Angeles County. The project site covers the entirety of Hermosillo Park, a recreation facility maintained by the City, located north of 162nd Street, east of Clarkdale Avenue, and west of Horst Avenue.

5. **Project sponsor's name and address:**

   City of Norwalk
   12700 Norwalk Boulevard
   Norwalk, California 90650

6. **General plan designation:**

   Open Space/Schools/Public Facilities

7. **Zoning:**

   R1 (single-family residential)

8. **Description of project. (Describe the whole action involved, including but not limited to later phases of the project, and any secondary, support, or off site features necessary for its implementation. Attach additional sheets if necessary):**

   Construction and operation of a stormwater capture, filtration, and infiltration system beneath turf fields in a public park. Replacement and rehabilitation of existing park facilities. Refer to Section 2.2 for additional detail.

9. **Surrounding land uses and setting (Briefly describe the project's surroundings):**

   Residential, school, and light industrial. Refer to Section 2.1 for additional detail.

10. **Other public agencies whose approval is required (e.g., permits, financing approval, or participation agreement):**

Los Angeles County Flood Control District, SWRCB

11. **Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code section 21080.3.1? If so, is there a plan for consultation that includes, for example, the determination of significance of impacts to tribal cultural resources, procedures regarding confidentiality, etc.?**

Refer to Section 3.18, Tribal Cultural Resources.

Environmental Factors Potentially Affected

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact," as indicated by the checklist on the following pages.

☐ Aesthetics	☐ Agriculture and Forestry Resources	☒ Air Quality
☒ Biological Resources	☐ Cultural Resources	☐ Energy
☒ Geology and Soils	☐ Greenhouse Gas Emissions	☒ Hazards and Hazardous Materials
☐ Hydrology and Water Quality	☐ Land Use and Planning	☐ Mineral Resources
☐ Noise	☐ Population and Housing	☐ Public Services
☐ Recreation	☐ Transportation	☐ Tribal Cultural Resources
☐ Utilities and Service Systems	☐ Wildfire	☒ Mandatory Findings of Significance

Determination (To be completed by the Lead Agency)

On the basis of this initial evaluation:

☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☒ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

☐ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect (1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and (2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Signature Date

Evaluation of Environmental Impacts

1. A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
2. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
3. Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an Environmental Impact Report (EIR) is required.
4. "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from "Earlier Analyses," as described in (5) below, may be cross-referenced).
5. Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
    a. Earlier Analysis Used. Identify and state where they are available for review.
    b. Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
    c. Mitigation Measures. For effects that are "Less Than Significant With Mitigation Measures Incorporated," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
6. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
7. Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
8. This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.
9. The explanation of each issue should identify:
    a. The significance criteria or threshold, if any, used to evaluate each question; and
    b. The mitigation measure identified, if any, to reduce the impact to less than significance

3.1 Aesthetics

		Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
I.	**AESTHETICS** – Except as provided in Public Resources Code Section 21099, would the project**:**				
a)	Have a substantial adverse effect on a scenic vista?	☐	☐	☒	☐
b)	Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	☒
c)	In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	☐	☐	☐	☒
d)	Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	☐	☐	☒	☐

a) Would the project have a substantial adverse effect on a scenic vista?

Less-than-Significant Impact. Scenic vistas generally refer to views of expansive open space areas or other natural features, such as mountains, undeveloped hillsides, large natural water bodies, or coastlines. Certain urban settings or features, such as a striking or renowned skyline, may also represent a scenic vista. Additionally, scenic vistas are views that are accessible from public vantage points, such as public roadways and parks. Vision Norwalk: The City of Norwalk General Plan (General Plan) does not specifically list or identify any designated scenic vistas or specific scenic resources within the City (City of Norwalk 1996). The City is located within a coastal plain bound by the Pacific Ocean to the southwest and mountains around the rest of its perimeter. The City is a completely urbanized community with limited natural resources.

Project construction would result in temporary visual changes to the park, including the presence of excavated areas and staging of construction equipment. Upon completion of construction, these temporary visual changes would cease. The project's stormwater capture infrastructure would be located underground and would not be visible during project operation. Other project components would include replacement of all existing amenities at Hermosillo Park with improved features, as described in Section 2.2.2, Park Rehabilitation Project, which are intended in part as improvements to the visual environment. As such, the project would not result in substantial adverse effects to scenic vistas, and impacts would be less than significant.

b) Would the project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

No Impact. There are no designated state scenic highways in the vicinity of the project site. The nearest eligible scenic highway is a segment of SR-1, located approximately 7.5 miles southwest of the project site (Caltrans 2024). Due to intervening development and distance, the project site is not visible from this segment of SR-1. Therefore, the project would not substantially damage scenic resources within a state scenic highway and no impact would occur.

c) In non-urbanized areas, would the project substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?

No Impact. Per PRC Section 21071, an "urbanized area" is defined as "(a) An incorporated city that meets either of the following criteria: (1) Has a population of at least 100,000 persons. [or] (2) Has a population of less than 100,000 persons if the population of that city and not more than two contiguous incorporated cities combined equals at least 100,000 persons." The project site is located in the incorporated City of Norwalk, which has a population of 102,773 persons as of the 2020 census (U.S. Census Bureau 2020). Therefore, the project site is considered to be located in an urbanized area.

As discussed in Section 3.1(a) above, the project site is not visible from any prominent public viewpoints. Temporary visible elements associated with the project include construction equipment, staging activities, and temporary fencing to be included for safety and security purposes. Visual impacts resulting from construction activities would be temporary, ceasing upon completion of construction.

The project would comply with any applicable zoning or other regulations governing scenic quality. The project site is not subject to overlay zones or other such designations specific to scenic resources or quality. The proposed stormwater capture and filtration facility would be located primarily underground. In addition, the project would include replacement of all existing amenities at Hermosillo Park with improved features, as described in Section 2.2.2, which would enhance the park's visual quality. The project would result in the continued use of the site as a park and would not substantially visually differ from its current use. Implementation of the project would not conflict with the applicable zoning and other regulations governing scenic quality. No impact would occur.

d) Would the project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

Less-than-Significant Impact. The project is located in an urban area with existing sources of nighttime lighting from roadways, residences, and the existing Hermosillo Park. Existing lighting at Hermosillo Park consists of lighting within facilities, including existing lighting at the basketball courts, around the existing community center building, and along pedestrian pathways for safety and security. No nighttime work would occur during construction of the project. New lighting at the soccer fields would consist of LED field lighting, with two light stanchions on each side of the two fields, for a total of eight stanchions. Lighting would be directed downward and designed to illuminate the field of play and limit direct visibility from neighboring residences. Operation of new nighttime lighting would be similar to that of the existing lighting within

Hermosillo Park and would be subject to the same operating hours. The materials that would be used for the project would not be reflective in nature and would not serve as a new source of glare (such as large areas of glass). Therefore, impacts would be less than significant.

3.2 Agriculture and Forestry Resources

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
II. AGRICULTURE AND FORESTRY RESOURCES – In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	☒
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☒
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	☒
d) Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☐	☒

a) Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

No Impact. According to the California Important Farmland Finder database, the project site and its immediate surroundings are classified as "Urban and Built-Up Land" (DOC 2023). The project would not be located on land classified as Farmland pursuant to the Farmland Mapping and Monitoring Program and would therefore not convert any Farmland to non-agricultural use. No impact would occur.

b) Would the project conflict with existing zoning for agricultural use, or a Williamson Act contract?

No Impact. The project site is zoned R1 (single-family residential). Surrounding Hermosillo Park are areas also zoned R1 (City of Norwalk 2023). The City does not contain any lands zoned for agricultural use. There are no existing lands under a Williamson Act contract within the City. Therefore, the project would not conflict with existing zoning for agricultural use or a Williamson Act contract. No impact would occur.

c) Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?

No Impact. The project site and surrounding areas are not zoned for and do not contain any forest land or timberland. Therefore, the project would not conflict with or cause the rezoning or conversion of forest land or timberland. No impact would occur.

d) Would the project result in the loss of forest land or conversion of forest land to non-forest use?

No Impact. Refer to Section 3.2(c). No impact would occur.

e) Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?

No Impact. Refer to Sections 3.2(a) through 3.2(d). The project site is located in an urbanized area with no existing agricultural uses, Farmland, or forest lands in the vicinity. The City does not contain any lands zoned for agricultural uses. Therefore, the project would not involve other changes that could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use. No impact would occur.

3.3 Air Quality

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
III. AIR QUALITY – Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations. Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☒	☐
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	☐	☐	☒	☐
c) Expose sensitive receptors to substantial pollutant concentrations?	☐	☒	☐	☐
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☐	☒	☐

This section is based on technical analysis conducted by Dudek, including quantitative estimates of air pollutant emissions based on assumptions developed in consultation with the project design engineers. The results of the emissions estimates are provided as Appendix A, Air Quality and Greenhouse Gas Modeling, to this MND.

a) Would the project conflict with or obstruct implementation of the applicable air quality plan?

Less-than-Significant Impact. The project site is located within the South Coast Air Basin (SCAB), which includes all of Orange County and the western, non-desert portions of Los Angeles, Riverside, and San Bernardino Counties. The site is within the jurisdictional boundaries of the South Coast Air Quality Management District (SCAQMD).

The SCAQMD administers the SCAB's air quality management plan (AQMP), which is a comprehensive document outlining an air pollution control program for attaining the California Ambient Air Quality Standards (CAAQS) and National Ambient Air Quality Standards (NAAQS). The most recently adopted AQMP for the SCAB is the 2022 AQMP (SCAQMD 2022). The 2022 AQMP provides the regional path towards improving air quality and meeting federal standards for air pollutants. The 2022 AQMP builds upon measures already in place from previous AQMPs. It also includes a variety of additional strategies such as regulation, accelerated deployment of available cleaner technologies (e.g., zero emissions technologies, when cost-effective and feasible, and low oxides of nitrogen [NO_x] technologies in other applications), BMPs, co-benefits from existing programs (e.g., climate and energy efficiency), incentives, and other Clean Air Act measures to achieve the 2015 federal ozone (O_3) standard by 2037 (SCAQMD 2022).

The purpose of a consistency finding with regard to the AQMP is to determine if a project is consistent with the assumptions and objectives of the 2022 AQMP and if it would interfere with the region's ability to comply with federal and state air quality standards. The SCAQMD has established criteria for determining consistency with the currently applicable AQMP in Chapter 12, Sections 12.2 and 12.3, of the SCAQMD CEQA Air Quality Handbook. These criteria are as follows (SCAQMD 1993):

- Consistency Criterion No. 1: Whether the project would result in an increase in the frequency or severity of existing air quality violations, cause or contribute to new violations, or delay timely attainment of the ambient air quality standards or interim emission reductions in the AQMP.
- Consistency Criterion No. 2: Whether the project would exceed the assumptions in the AQMP or increments based on the year of project buildout and phase.

To address the first criterion, project-generated criteria air pollutant emissions have been estimated and analyzed for significance and are addressed under Section 3.3(b). Detailed results of this analysis are included in Appendix A. As presented in that analysis and summarized in Section 3.3(b), the proposed project would not generate construction or operational criteria air pollutant emissions that exceed the SCAQMD's thresholds, and the project would therefore be consistent with Criterion No. 1.

The second criterion regarding the potential of the proposed project to exceed the assumptions in the AQMP or increments based on the year of project buildout and phase is primarily assessed by determining consistency between the proposed project's land use designations and its potential to generate population growth. In general, projects are considered consistent with, and not in conflict with or obstructing implementation of, the AQMP if the growth in socioeconomic factors is consistent with the underlying regional plans used to develop the AQMP (SCAQMD 1993). The SCAQMD primarily uses demographic growth forecasts for various socioeconomic categories (e.g., population, housing, and employment by industry) developed by the Southern California Association of Governments (SCAG) for its Regional Transportation Plan (RTP)/Sustainable Communities Strategy (SCS). The most recent RTP/SCS is SCAG's 2020–2045 RTP/SCS (Connect SoCal), which was adopted on September 3, 2020 (SCAG 2020). SCAQMD uses this document, which is based on general plans for cities and counties in the SCAB, for the development of the AQMP emissions inventory (SCAQMD 2022).[2] The SCAG 2020–2045 RTP/SCS, and associated Regional Growth Forecast, are generally consistent with the local plans; therefore, the 2022 AQMP is generally consistent with local government plans.

The project would not change the use of the existing Hermosillo Park. Upon completion, the project would improve Hermosillo Park to further serve the existing and anticipated future demand for recreational uses within the City. The park office would house one staff member and the police substation would house one officer and one support staff member, which would be a minimal increase in employees. Additionally, the project is consistent with underlying land use and zoning designations. Therefore, the project would not directly result in substantial unplanned population growth in the area. Accordingly, the project does not

[2] Information necessary to produce the emission inventory for the SCAB is obtained from the SCAQMD and other governmental agencies, including the California Air Resources Board, the California Department of Transportation, and SCAG. Each of these agencies is responsible for collecting data (e.g., industry growth factors, socioeconomic projections, travel activity levels, emission factors, emission speciation profile, and emissions) and developing methodologies (e.g., model and demographic forecast improvements) required to generate a comprehensive emissions inventory. SCAG incorporates these data into their Travel Demand Model for estimating/projecting vehicle miles traveled and driving speeds. SCAG's socioeconomic and transportation activities projections in their 2020–2045 RTP/SCS are integrated in the 2022 AQMP (SCAQMD 2022).

conflict with the SCAG RTP/SCS forecasts used in the SCAQMD AQMP development and does not propose activities that would induce additional population in the project area. Impacts would be less than significant.

b) Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

Less-than-Significant Impact. Air pollution is largely a cumulative impact. The nonattainment status of regional pollutants is a result of past and present development, and the SCAQMD develops and implements plans for future attainment of ambient air quality standards. Based on these considerations, project-level thresholds of significance for criteria pollutants are used to determine whether a project's individual emissions would have a cumulatively considerable contribution to air quality. If a project's emissions would exceed the SCAQMD significance thresholds, it would be considered to have a cumulatively considerable contribution. Conversely, projects that do not exceed the project-specific thresholds are generally not considered to be cumulatively significant (SCAQMD 2003).

A quantitative analysis was conducted to determine whether the proposed project might result in emissions of criteria air pollutants that may cause exceedances of the NAAQS or CAAQS, or cumulatively contribute to existing nonattainment of ambient air quality standards. Criteria air pollutants include O_3, nitrogen dioxide (NO_2), carbon monoxide (CO), sulfur dioxide, particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM_{10}), particulate matter with an aerodynamic diameter less than or equal to 2.5 microns ($PM_{2.5}$), and lead. Pollutants that are evaluated herein include volatile organic compounds (VOCs) and NO_x, which are important because they are precursors to O_3, as well as CO, sulfur oxides, PM_{10}, and $PM_{2.5}$.

Regarding NAAQS and CAAQS attainment status,[3] the SCAB is designated as a nonattainment area for national and California O_3 standards and $PM_{2.5}$ standards. The SCAB is designated as a nonattainment area for California PM_{10} standards; however, it is designated as an attainment area for national PM_{10} standards. The SCAB is designated as an attainment area for national and California CO standards, national and California NO_2 standards, and national and California sulfur dioxide standards (EPA 2022; CARB 2022a). Although southern Los Angeles County, where the project is located, has been designated as nonattainment for the federal rolling 3-month average lead standard, it is designated attainment for the state lead standard.[4]

The proposed project would result in emissions of criteria air pollutants for which the California Air Resources Board (CARB) and U.S. Environmental Protection Agency have adopted ambient air quality standards (i.e., the NAAQS and CAAQS). Projects that emit these pollutants have the potential to cause, or contribute to, violations of these standards. SCAQMD has established Air Quality Significance Thresholds, as revised in March 2023, that set forth quantitative emission significance thresholds below which a project would not have a significant impact on ambient air quality (SCAQMD 2023). The quantitative air quality analysis provided herein applies the SCAQMD thresholds identified in Table 3.3-1 to determine the potential for the project to result in a significant impact under CEQA.

[3] An area is designated as in attainment when it is in compliance with the NAAQS and/or the CAAQS. These standards for the maximum level of a given air pollutant that can exist in the outdoor air without unacceptable effects on human health or the public welfare are set by the U.S. Environmental Protection Agency and CARB, respectively. Attainment = meets the standards; attainment/maintenance = achieves the standards after a nonattainment designation; nonattainment = does not meet the standards.

[4] Re-designation of the lead NAAQS designation to attainment for the Los Angeles County portion of the SCAB is expected based on current monitoring data. The phase-out of leaded gasoline started in 1976. Since gasoline no longer contains lead, the project is not anticipated to result in impacts related to lead; therefore, it is not discussed in this analysis.

Table 3.3-1. SCAQMD Air Quality Significance Thresholds

Criteria Pollutants Mass Daily Thresholds		
Pollutant	**Construction (pounds per day)**	**Operation (pounds per day)**
VOCs	75	55
NO_x	100	55
CO	550	550
SO_x	150	150
PM_{10}	150	150
$PM_{2.5}$	55	55
Lead[a]	3	3
Toxic Air Contaminants (TACs) and Odor Thresholds		
TACs[b]	Maximum incremental cancer risk ≥10 in 1 million Cancer Burden > 0.5 excess cancer cases (in areas ≥1 in 1 million) Chronic and acute hazard index ≥1.0 (Project increment)	
Odor	Project creates an odor nuisance pursuant to SCAQMD Rule 402	
Ambient Air Quality Standards for Criteria Pollutants[c]		
NO_2 1-hour average NO_2 annual arithmetic mean	SCAQMD is in attainment; project is significant if it causes or contributes to an exceedance of the following attainment standards: 0.18 ppm (state) 0.030 ppm (state) and 0.0534 ppm (federal)	
CO 1-hour average CO 8-hour average	SCAQMD is in attainment; project is significant if it causes or contributes to an exceedance of the following attainment standards: 20 ppm (state) and 35 ppm (federal) 9.0 ppm (state/federal)	
PM_{10} 24-hour average PM_{10} annual average	10.4 µg/m³ (construction)[d] 2.5 µg/m³ (operation) 1.0 µg/m³	
$PM_{2.5}$ 24-hour average	10.4 µg/m³ (construction)[d] 2.5 µg/m³ (operation)	

Source: SCAQMD 2023.
Notes: SCAQMD = South Coast Air Quality Management District; VOC = volatile organic compounds; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; TAC = toxic air contaminant; NO_2 = nitrogen dioxide; ppm = parts per million by volume; µg/m³ = micrograms per cubic meter.
greenhouse gas emissions thresholds for industrial projects, as added in the March 2015 revision to the SCAQMD Air Quality Significance Thresholds, were not include included in this table as they are addressed within the greenhouse gas emissions analysis and not the air quality analysis.

[a] The phaseout of leaded gasoline started in 1976. Since gasoline no longer contains lead, the project is not anticipated to result in impacts related to lead; therefore, it is not discussed in this analysis.
[b] TACs include carcinogens and noncarcinogens.
[c] Ambient air quality standards for criteria pollutants are based on SCAQMD Rule 1303, Table A-2, unless otherwise stated.
[d] Ambient air quality threshold are based on SCAQMD Rule 403.

A project would result in a cumulatively considerable net increase for O_3, which is a nonattainment pollutant, if the proposed project's construction or operational emissions would exceed the SCAQMD VOC or NO_x thresholds shown in Table 3.3-1. These emission-based thresholds for O_3 precursors are intended to serve as a surrogate for an O_3 significance threshold (i.e., the potential for adverse O_3 impacts to occur)

because O_3 itself is not emitted directly, and the effects of an individual project's emissions of O_3 precursors (i.e., VOCs and NO_x) on O_3 levels in ambient air cannot be determined reliably or meaningfully through air quality models or other quantitative methods.

The California Emissions Estimator Model (CalEEMod) Version 2022.1.1.21 was used to estimate emissions from construction and operation of the project. CalEEMod is a statewide computer model developed in cooperation with air districts throughout the state to quantify criteria air pollutant emissions associated with construction and operational activities from a variety of land use projects, including recreational development. The following discussion summarizes the quantitative project-generated construction and operational emissions and impacts that would result from implementation of the proposed project.

Construction Emissions

Construction of the proposed project would include demolition, site preparation, grading, trenching, reservoir and building construction, landscaping, paving, and application of architectural coatings. These construction activities would result in the temporary addition of pollutants to the local airshed caused by on-site sources (e.g., off-road construction equipment, soil disturbance, and VOC off-gassing from architectural coatings and asphalt pavement application) and off-site sources (e.g., vendor trucks, haul trucks, and worker vehicle trips). Specifically, entrained dust results from the exposure of earth surfaces to wind from the direct disturbance and movement of soil, resulting in PM_{10} and $PM_{2.5}$ emissions. Internal combustion engines used by construction equipment, haul trucks, vendor trucks (i.e., delivery trucks), and worker vehicles would result in emissions of VOC, NO_x, CO, PM_{10}, and $PM_{2.5}$. Application of architectural coatings, such as exterior paint and other finishes, and application of asphalt pavement would also produce VOC emissions. Construction emissions can vary substantially from day to day depending on the level of activity; the specific type of operation; and, for dust, the prevailing weather conditions.

Proposed project construction emissions were estimated using a combination of CalEEMod default assumptions and information provided by the City. It was assumed that approximately 37,000 cubic yards of soil would be exported during project earthwork. In addition, demolition of the existing community center, fountain, basketball/handball courts, sidewalks, and parking lot was estimated to result in approximately 1,365 tons of material that would be hauled off site. Air quality emissions modeling assumed that construction of the project would commence in August 2024 and would last approximately 24 months. Default values for horsepower and load factor provided in CalEEMod were used for all construction equipment, and the equipment mix was provided by the City. For the analysis, it was generally assumed that heavy-duty construction equipment would be operating at the site 5 days per week, up to a maximum of 8 hours per day.

Emissions generated during construction and operation of the project are subject to the rules and regulations of the SCAQMD. Rule 403, Fugitive Dust,[5] requires the implementation of measures to control the emission of

[5] SCAQMD Rule 403 requires implementation of various best available fugitive dust control measures for different sources for all construction activity sources within its jurisdictional boundaries. Dust control measures include, but are not limited to, maintaining stability of soil through pre-watering of site prior to clearing, grubbing, cut and fill, and earth-moving activities; stabilizing soil during and immediately after clearing, grubbing, cut and fill, and other earth-moving activities; stabilizing backfill during handling and at completion of activity; and pre-watering material prior to truck loading and ensuring that freeboard exceeds 6 inches. Although SCAQMD Rule 403 requires fugitive dust control beyond watering control measures, compliance with Rule 403 is represented in CalEEMod by assuming twice daily watering of active sites (55% reduction in PM_{10} and $PM_{2.5}$ [CAPCOA 2022]).

visible fugitive/nuisance dust, such as wetting soils that would be disturbed. It was assumed that the active sites would be watered at least two times daily, resulting in an approximately 61% reduction of fugitive dust (CalEEMod default value), to represent compliance with SCAQMD standard dust control measures in Rule 403.

CalEEMod calculates maximum daily emissions for summer and winter periods. As such, the estimated maximum daily construction emissions without mitigation for both summer and winter periods are summarized in Table 3.3-2. Detailed construction model outputs are presented in Appendix A.

Table 3.3-2. Estimated Maximum Daily Construction Criteria Air Pollutant Emissions - Unmitigated

Year	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Pounds per Day					
Summer						
2024	3.73	36.19	34.36	0.05	9.54	5.48
2025	3.41	32.07	31.78	0.06	7.66	4.05
2026	6.92	11.85	12.76	0.03	0.67	0.43
Winter						
2024	3.73	36.21	34.15	0.06	9.54	5.48
2025	3.41	32.10	31.57	0.06	7.66	4.05
2026	6.92	11.86	12.65	0.03	0.61	0.43
Maximum Daily Emissions	**6.92**	**36.21**	**34.36**	**0.06**	**9.54**	**5.48**
SCAQMD Threshold	*75*	*100*	*550*	*150*	*150*	*55*
Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

Source: Appendix A.
Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SCAQMD= South Coast Air Quality Management District
Emissions estimates include watering of the active sites two times per day per Rule 403 compliance.

As shown in Table 3.3-2, the proposed project's maximum daily construction emissions would not exceed SCAQMD thresholds for any criteria pollutant and impacts would be less than significant.

Operational Emissions

The first full year of project operations would be 2027. Operational emissions associated with the existing park in year 2024 were also estimated. During long-term operations, the project would generate air pollutants from mobile, energy (natural gas combustion), and area (consumer products, architectural coatings, landscaping equipment) sources. CalEEMod was used to estimate emissions from all these sources. Table 3.3-3 summarizes the maximum daily emissions of criteria pollutants that would be generated by operation of the proposed project, as well as emissions from the existing park facilities, and compares the net change in emissions from existing to proposed conditions to the SCAQMD's operational thresholds.

Table 3.3-3. Estimated Maximum Daily Operational Criteria Air Pollutant Emissions - Unmitigated

Source	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Pounds per Day					
Project						
Mobile	5.42	4.48	48.35	0.12	11.26	2.91
Area	0.43	--	0.37	<0.01	<0.01	<0.01
Energy	<0.01	0.06	0.05	<0.01	<0.01	<0.01
Total	**5.85**	**4.54**	**48.76**	**0.12**	**11.26**	**2.91**
Existing						
Mobile	0.35	0.31	3.22	0.01	0.64	0.17
Area	0.29	--	0.13	<0.01	<0.01	<0.01
Energy	<0.01	0.02	0.02	<0.01	<0.01	<0.01
Total	**0.65**	**0.34**	**3.37**	**0.01**	**0.64**	**0.17**
Net Change						
Net Change (Project – Existing)	**5.20**	**4.20**	**45.40**	**0.11**	**10.62**	**2.74**
SCAQMD Threshold	*55*	*55*	*550*	*150*	*150*	*55*
Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

Source: Appendix A.
Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SCAQMD= South Coast Air Quality Management District

As shown in Table 3.3-3, the proposed project's net increase in operational emissions would not exceed SCAQMD thresholds for any criteria pollutant and impacts would be less than significant.

Cumulative

Cumulative localized impacts would potentially occur if a project were to occur concurrently with another off-site project. Schedules for potential future projects near the project area are currently unknown; therefore, potential impacts associated with two or more simultaneous projects would be considered speculative.[6] However, the project is located in an already developed urban area and any future projects would be subject to CEQA and would require air quality analysis and, where necessary, mitigation. Criteria air pollutant emissions associated with construction activity of future projects would be reduced through implementation of control measures required by the SCAQMD. Cumulative PM_{10} and $PM_{2.5}$ emissions would be reduced because all future projects would be subject to SCAQMD Rule 403, Fugitive Dust, which sets forth general and specific requirements for all sites in the SCAQMD.

Therefore, the proposed project would not result in a cumulatively considerable increase in emissions of nonattainment pollutants and impacts would be less than significant during construction and operation.

6 The CEQA Guidelines state that if a particular impact is too speculative for evaluation, the agency should note its conclusion and terminate discussion of the impact (14 CCR 15145).

c) Would the project expose sensitive receptors to substantial pollutant concentrations?

Less-than-Significant Impact with Mitigation Incorporated. Sensitive receptors are those individuals more susceptible to the effects of air pollution than the population at large. People most likely to be affected by air pollution include children, the elderly, and people with cardiovascular and chronic respiratory diseases. According to SCAQMD, sensitive receptors include residences, schools, playgrounds, childcare centers, long-term healthcare facilities, rehabilitation centers, convalescent centers, and retirement homes (SCAQMD 1993).

The closest off-site sensitive receptors to the project site are single-family residences located adjacent to the project boundary in all directions and Sanchez Elementary School, which is located about 150 feet southwest of the project site.

Localized Significance Thresholds

The SCAQMD recommends a localized significance threshold (LST) analysis to evaluate the potential of localized air quality impacts to sensitive receptors in the immediate vicinity of a proposed project from construction and operation; however, an operational LST analysis is not required for the project due to there being no substantial on-site sources of localized emissions. For projects that disturb 5 acres or less per day, the SCAQMD Final Localized Significance Threshold Methodology (SCAQMD 2008a) includes lookup tables that can be used to determine the maximum allowable daily emissions that would satisfy the localized significance criteria (i.e., the emissions would not cause an exceedance of the applicable concentration limits for NO_2, CO, PM_{10}, and $PM_{2.5}$) without performing project-specific dispersion modeling.

The LST significance thresholds for NO_2 and CO represent the allowable increase in concentrations above background levels in the vicinity of a project that would not cause or contribute to an exceedance of the relevant ambient air quality standards, while the threshold for PM_{10} represents compliance with Rule 403 (Fugitive Dust). The LST for $PM_{2.5}$ is intended to ensure that construction emissions do not contribute substantially to existing exceedances of the $PM_{2.5}$ ambient air quality standards. The allowable emission rates depend on the following parameters:

1. Source-Receptor Area (SRA) in which the project is located
2. Size of the project site
3. Distance between the project site and the nearest sensitive receptor (e.g., residences, schools, hospitals)

The proposed project site is located in SRA 5 (Southeast Los Angeles County). The maximum number of acres disturbed on the peak day was estimated using the Fact Sheet for Applying CalEEMod to Localized Significance Thresholds (SCAQMD n.d.), which provides estimated acres per 8-hour per day per piece of earth-moving equipment. Based on the SCAQMD guidance, it was estimated that the maximum acres on the project site that would be disturbed by off-road equipment would be 1.5 acres per day; therefore, LSTs for a 1.5-acre disturbed area were interpolated from the SCAQMD 1- and 2-acre LSTs. The nearest sensitive-receptor land use is located adjacent to the project site. Accordingly, the distance in the LST look-up table of 25 meters is assumed.

According to the Final Localized Significance Threshold Methodology, "off-site mobile emissions from the project should not be included in the emissions compared to the LSTs" (SCAQMD 2008a). Trucks and worker trips associated with the project are not expected to cause substantial air quality impacts to sensitive receptors along off-site roadways since emissions would be relatively brief in nature and would cease once the vehicles pass through the main streets. Nonetheless, because the project site is relatively large, vehicle activity may occur within the project boundary (i.e., fence line); therefore, a small portion (i.e., 0.25 miles) of the off-site vehicle travel for worker vehicles, vendor trucks, and haul trucks was conservatively assumed as on-site emissions for the LST analysis.

The maximum daily on-site emissions generated from construction of the proposed project are presented in Table 3.3-4 and are compared to the SCAQMD localized significance criteria for SRA 5 to determine whether project-generated on-site emissions would result in potential LST impacts.

Table 3.3-4. Construction Localized Significance Thresholds Analysis - Unmitigated

Year	NO_x	CO	PM_{10}	$PM_{2.5}$
	Pounds per Day			
2024	36.01	33.15	9.27	5.41
2025	31.62	30.47	6.48	3.71
2026	11.72	12.06	0.42	0.39
Maximum Daily Emissions	**36.01**	**33.15**	**9.27**	**5.41**
SCAQMD LSTs[a]	*97*	*716*	*5.5*	*3.5*
Threshold exceeded?	**No**	**No**	**Yes**	**Yes**

Source: Appendix A.
Notes: NO_x = oxides of nitrogen; CO = carbon monoxide; PM_{10} = particulate matter with a diameter less than or equal to 10 microns; $PM_{2.5}$ = particulate matter with a diameter less than or equal to 2.5 microns; SCAQMD = South Coast Air Quality Management District; LST = localized significance threshold.
The values shown are the maximum summer or winter daily emissions results from CalEEMod. Emissions estimates include watering of the active sites two times per day per Rule 403 compliance.
The total values may not add up exactly due to rounding.
[a] LSTs are shown for a 1.5-acre disturbed area for a sensitive receptor distance of 25 meters in SRA 5 (Southeast Los Angeles County).

As shown in Table 3.3-4, proposed construction activities would generate emissions in excess of site-specific LSTs for PM_{10} and $PM_{2.5}$ without mitigation, resulting in a potentially significant impact. Mitigation Measure (MM) AQ-1 and MM-AQ-2, which require additional site watering and minimum construction equipment emissions standards, would be incorporated into project construction. The maximum daily on-site emissions generated from construction of the proposed project including MM-AQ-1 and MM-AQ-2 are presented in Table 3.3-5 and are compared to the SCAQMD localized significance criteria for SRA 5 to determine whether project-generated on-site emissions would result in potential LST impacts.

Table 3.3-5. Construction Localized Significance Thresholds Analysis - Mitigated

Construction Year	NO_x	CO	PM_{10}	$PM_{2.5}$
	Pounds per Day			
2024	15.00	28.53	5.21	2.73
2025	17.67	32.42	3.69	1.90
2026	9.55	15.74	0.12	0.11
Maximum Daily Emissions	**17.67**	**32.42**	**5.21**	**2.73**

Table 3.3-5. Construction Localized Significance Thresholds Analysis - Mitigated

Construction Year	NO_x	CO	PM_{10}	$PM_{2.5}$
	Pounds per Day			
SCAQMD LST Criteria[a]	*97*	*716*	*5.5*	*3.5*
Threshold exceeded?	No	No	No	No

Source: Appendix A.
Notes: NO_x = oxides of nitrogen; CO = carbon monoxide; PM_{10} = particulate matter with a diameter less than or equal to 10 microns; $PM_{2.5}$ = particulate matter with a diameter less than or equal to 2.5 microns; SCAQMD = South Coast Air Quality Management District; LST = localized significance threshold.
The values shown are the maximum summer or winter daily emissions results from CalEEMod.
The total values may not add up exactly due to rounding.
Includes application of MM-AQ-1 and MM-AQ-2.
[a] LSTs are shown for a 1.5-acre disturbed area for a sensitive receptor distance of 25 meters in SRA 5 (Southeast Los Angeles County).

As shown in Table 3.3-5, with implementation of MM-AQ-1 and MM-AQ-2, localized criteria air pollutant emissions impacts would be less than significant.

CO Hotspots

Traffic-congested roadways and intersections have the potential to generate localized high levels of CO. Localized areas where ambient concentrations exceed federal and/or state standards for CO are termed CO "hotspots." CO transport is extremely limited and disperses rapidly with distance from the source. Under certain extreme meteorological conditions, however, CO concentrations near a congested roadway or intersection may reach unhealthy levels affecting sensitive receptors. Typically, high CO concentrations are associated with severely congested intersections operating at an unacceptable level of service (level of service E or worse is unacceptable). Projects contributing to adverse traffic impacts may result in the formation of a CO hotspot. Additional analysis of CO hotspot impacts would be conducted if a project would result in a significant impact or contribute to an adverse traffic impact at a signalized intersection that would potentially subject sensitive receptors to CO hotspots.

Title 40 of the Code of Federal Regulations, Section 93.123(c)(5), Procedures for Determining Localized CO, PM_{10}, and $PM_{2.5}$ Concentrations (Hot-Spot Analysis), states that "CO, PM_{10}, and $PM_{2.5}$ hot-spot analyses are not required to consider construction-related activities, which cause temporary increases in emissions. Each site which is affected by construction-related activities shall be considered separately, using established 'Guideline' methods. Temporary increases are defined as those which occur only during the construction phase and last five years or less at any individual site" (40 CFR 93.123). While project construction would involve on-road vehicle trips from trucks and workers during construction, construction activities would last approximately 24 months and would not require a project-level construction hotspot analysis.

Regarding operations, given the minimal increase in daily trips, project-related mobile emissions are not expected to contribute significantly to CO concentrations, and a CO hotspot is not anticipated to occur. In addition, due to continued improvement in vehicular emissions at a rate faster than the rate of vehicle growth and/or congestion, the potential for CO hotspots in the SCAB is steadily decreasing. The project would result in a less-than-significant impact to air quality with regard to potential CO hotspots.

Toxic Air Contaminants

The greatest potential for toxic air contaminant (TAC) emissions during project construction would be diesel particulate matter (DPM) emissions from heavy equipment operations and heavy-duty trucks. Use of heavy-duty construction equipment is subject to a CARB Airborne Toxics Control Measure for in-use diesel construction equipment to reduce diesel particulate emissions; use of diesel trucks is also subject to an Airborne Toxics Control Measure. Based on the adjacent residential and school receptors, a quantitative health risk assessment (HRA) was prepared for the project. The following discussion summarizes the dispersion modeling, HRA methodology, and results for the proposed project; supporting HRA documentation, including detailed assumptions, is presented in Appendix A.

As described previously, the SCAQMD has adopted a cancer risk threshold of 10 in a million (SCAQMD 2023), which indicates that a person has an additional risk of 10 chances in a million (0.001%) of developing cancer during their lifetime as a result of the air pollution scenario being evaluated. The SCAQMD has also adopted a hazard index less than 1.0, a result below which indicates that people are not likely to experience any non-cancer health effects (SCAQMD 2023).

The SCAQMD's Modeling Guidance for American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) (SCAQMD 2024) provides guidance to perform dispersion modeling for use in HRAs within the SCAB. The cancer risk parameters for exposure to TACs, such as age-sensitivity factors, daily breathing rates, exposure period, fraction of time at home, and cancer potency factors used in the analysis herein are based on the values and data recommended by the Office of Environmental Health Hazard Assessment (OEHHA) Air Toxics Hot Spots Program Risk Assessment Guidelines Guidance Manual for Preparation of Health Risk Assessments 2015 (OEHHA 2015), as implemented in the Hotspots Analysis and Reporting Program Version 2 (HARP2). Accordingly, this HRA evaluates and reflects conservative, health-protective methodologies to assess health impacts to adults, as well as infants, children, and other sensitive subpopulations.

For risk assessment purposes, PM_{10} in diesel exhaust is considered DPM, originating mainly from off-road equipment operating at a defined location for a given length of time at a given distance from sensitive receptors. Less-intensive, more-dispersed emissions result from on road vehicle exhaust (e.g., heavy-duty diesel trucks).

Air dispersion modeling was performed using AERMOD Version 23132 modeling system (computer software) with the Lakes Environmental Software implementation/user interface, AERMOD View Version 12.0. The dispersion modeling included the use of standard regulatory default options. AERMOD parameters were selected as representative of the project site and project activities. Principal parameters of this modeling are presented in **Error! Reference source not found.**.

Table 0-6. American Meteorological Society/Environmental Protection Agency Regulatory Model Principal Parameters

Parameter	Details
Meteorological Data	The latest 5-year meteorological data for the Fullerton Station (KFUL) from SCAQMD were downloaded, then input to AERMOD.
Urban versus Rural Option	Urban areas typically have more surface roughness, as well as structures and low-albedo surfaces that absorb more sunlight—and thus more heat—relative to rural areas. According to SCAQMD guidelines, the urban dispersion option was selected.

Table 0-6. American Meteorological Society/Environmental Protection Agency Regulatory Model Principal Parameters

Parameter	Details
Terrain Characteristics	Digital elevation data were imported into AERMOD and elevations were assigned to receptors and emission sources, as necessary. Digital elevation data were obtained through the AERMOD View in the U.S. Geological Survey's National Elevation Dataset format with a resolution of 1 arc-second resolution.
Source Release Characterizations	The following modeling parameters for emissions sources were incorporated into AERMOD. These parameters were obtained from information published by regulatory agencies and represent the best available information at the time of this writing. Construction: ▪ Off-road equipment and trucks were modeled as a line of adjacent volume sources across the project site with a release height of 5 meters, a plume height of 10 meters, and plume width of 10 meters (SCAQMD 2008a).
Receptors	A uniform fine 800-meter by 800-meter Cartesian grid with 20-meter spacing was centered on the project site and used to capture the maximum point of impacts.

Source: SCAQMD 2008a, 2024.
Notes: SCAQMD = South Coast Air Quality Management District; AERMOD = American Meteorological Society/Environmental Protection Agency Regulatory Model.
See Appendix A for complete model parameter inputs.

The health risk calculations presented herein were performed using the HARP2 Air Dispersion and Risk Tool (ADMRT, Version 22118). The exposure parameters included in HARP2 are described below:

- Maximally Exposed Individual Resident: For residential receptors during project construction and operation, TAC exposure was assumed to begin in the 3rd trimester of pregnancy (assumed to be the worst-case scenario for cancer risk) for a duration of 2 years (construction).
- School: For school children at Sanchez Elementary during project construction, TAC exposure was assumed to begin at 4 years old for a duration of 2 years (construction).

Results of the construction HRA without mitigation are presented in Table 3.3-7.

Table 3.3-7. Construction Health Risk Assessment Results – Unmitigated

Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
Cancer Risk – MEIR	Per Million	4.81	10	Less than Significant
Chronic Hazard Index – MEIR	Index Value	0.0028	1.0	Less than Significant
Cancer Risk – School	Per Million	0.28	10	Less than Significant
Chronic Hazard Index – School	Index Value	0.0010	1.0	Less than Significant

Source: Appendix A.
Note: MEIR = Maximally Exposed Individual Resident.

As shown in Table 3.3-7, the results of the construction HRA for the project demonstrate that the unmitigated construction DPM emissions would result in a potential maximum cancer risk at the Maximally Exposed Individual Resident and school that would be below the applicable SCAQMD thresholds. In addition, MM-AQ-2, which requires the use of Tier 4 engines for equipment greater than 75 horsepower, would

substantially reduce DPM emissions (by approximately 84%) and associated risk from implementation of stringent off-road equipment exhaust controls.

Health Effects of Criteria Pollutants

Short-term project construction would not exceed the significance thresholds for any criteria air pollutants after implementation of mitigation measures. Long-term project operations would not exceed any significance thresholds without mitigation.

VOCs and NO_x are precursors to O_3, for which the SCAB is designated as nonattainment with respect to the NAAQS and CAAQS. The health effects associated with O_3 are generally associated with reduced lung function. The contribution of reactive organic gases and NO_x to regional ambient O_3 concentrations is the result of complex photochemistry. The increases in O_3 concentrations in the SCAB due to O_3 precursor emissions tend to be found downwind from the source location to allow time for the photochemical reactions to occur. However, the potential for exacerbating excessive O_3 concentrations would also depend on the time of year that the VOC emissions would occur because exceedances of the O_3 CAAQS/NAAQS tend to occur between April and October when solar radiation is highest. The holistic effect of a single project's emissions of O_3 precursors is speculative due to the lack of quantitative methods to assess this impact. However, the project would not exceed the significance thresholds for VOC or NO_x; therefore, implementation of the project would contribute minimally to regional O_3 concentrations and the associated health effects.

Health effects that result from NO_2 and NO_x include respiratory irritation, which could be experienced by nearby receptors during the periods of heaviest use of off-road construction equipment. However, because project generated NO_x emissions would not exceed the significance threshold during construction or operations, the project would not result in potential health effects associated with NO_2 and NO_x.

CO tends to be a localized impact associated with congested intersections. The associated potential for CO hotspots were discussed previously and are determined to be a less-than-significant impact. Thus, the project's CO emissions would not contribute to significant health effects associated with this pollutant.

With mitigation, construction of the project would not exceed the LSTs for PM_{10} or $PM_{2.5}$ and would not contribute to exceedances of the NAAQS and CAAQS for particulate matter or obstruct the SCAB from coming into attainment for these pollutants. Due to the minimal contribution of particulate matter during construction and operation, the project is not anticipated to result in health effects associated with PM_{10} or $PM_{2.5}$.

In summary, because implementation of the project would not result in exceedances of the SCAQMD significance thresholds during construction and operation, the potential health effects associated with criteria air pollutants are considered less than significant with mitigation.

MM-AQ-1 Fugitive Dust Controls During Construction. The City shall water exposed soil during construction three times daily. The City shall also replace ground cover of disturbed areas during construction as expeditiously as feasible.

MM-AQ-2 Require Use of Tier 4 Off-Road Equipment During Construction. Prior to the commencement of construction activities for the project, the City shall require its construction contractor to demonstrate that all 75-horsepower or greater diesel-powered equipment is powered with California Air Resources Board–certified Tier 4 engines.

An exemption from this requirement may be granted if (1) the City documents that equipment with Tier 4 engines is not reasonably available and (2) the required corresponding reductions in criteria air pollutant emissions can be achieved for the project from other combinations of construction equipment. Before an exemption may be granted, the City's construction contractor shall (1) demonstrate that at least two construction fleet owners/operators in the County of Los Angeles were contacted and that those owners/operators confirmed Tier 4 equipment could not be located within the County of Los Angeles during the desired construction schedule and (2) the proposed replacement equipment has been evaluated using California Emissions Estimator Model or other industry standard emission estimation method and documentation provided to the City to confirm that necessary project-generated emissions reductions are achieved.

d) Would the project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Less-than-Significant Impact. Based on available information, the project is not anticipated to result in other emissions that have not been addressed under Section 3.3(a) through Section 3.3(c). As such, this analysis focuses on the potential for the project to generate odors.

The analysis of other emissions is focused on the potential for an odor impact to occur. The occurrence and severity of potential odor impacts depends on numerous factors. The nature, frequency, and intensity of the source; the wind speeds and direction; and the sensitivity of the receiving location each contribute to the intensity of the impact. Although offensive odors seldom cause physical harm, they can be annoying and cause distress among the public and generate citizen complaints.

Odors would be generated from vehicles and/or equipment exhaust emissions during construction of the project. Odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment, architectural coatings, and asphalt pavement application. Such odors would disperse rapidly from the project site and generally occur at magnitudes that would not affect substantial numbers of people. Therefore, impacts associated with odors during construction would be considered less than significant.

Land uses and industrial operations associated with odor complaints include agricultural uses, wastewater treatment plants, food-processing plants, chemical plants, composting operations, refineries, landfills, dairies, and fiberglass molding facilities (SCAQMD 1993). The project does not propose and would not engage in any of these activities or other potential activities that would generate operational odors. The project entails the rehabilitation of an existing park and would not create any new sources of odors during operation. Therefore, the project would result in an odor impact that is less than significant.

3.4 Biological Resources

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
IV. BIOLOGICAL RESOURCES – Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	☐	☐	☐	☒
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	☐	☐	☐	☒
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	☐	☒
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☒	☐	☐
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☐	☒
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	☒

Rincon Consultants Inc. prepared a Biological Resources Due Diligence Report for the project, included as Appendix B to this MND. A literature review and field survey were conducted to document the site conditions and determine the potential for special-status species to be present. The study area encompasses the entirety of Hermosillo Park.

Literature Review

The following data sources were reviewed by Rincon in preparation of Appendix B. See Appendix B for full source information.

- California Department of Fish and Wildlife (CDFW) California Natural Diversity Database
- CDFW State and Federally listed Endangered, Threatened, and Rare Plants of California
- CDFW California Natural Diversity Database Biogeographic Information and Observation System
- California Native Plant Society's Inventory of Rare and Endangered Plants
- Google Earth Pro
- U.S. Department of Agriculture Natural Resources Conservation Service
- U.S. Fish and Wildlife Service (USFWS) Critical Habitat Portal
- USFWS Information for Planning and Conservation
- USFWS National Wetlands Inventory
- U.S. Geological Survey

Field Survey

Rincon Consultants Inc. performed a field survey on November 8, 2023. The biological survey was limited to assessing the vegetation and overall conditions of the project site for potentially supporting sensitive biological resources, including special-status plant and wildlife species, sensitive plant communities, jurisdictional waters and wetlands, protected trees, and habitat for nesting birds.

a) ***Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?***

No Impact. Six special-status plant species and 17 special-status wildlife species were listed in the California Natural Diversity Database as occurring within a nine-quadrangle search area (i.e., U.S. Geological Survey 7.5-minute quadrangles). Based on the developed conditions on site, no special-status plant and wildlife species are expected to occur. Special-status plant species have specialized habitat requirements, including plant community types, soils, and other components absent from the study area. Special-status wildlife species typically have specific habitat requirements that include vegetation communities, elevations, topography, and availability of primary constituent elements (i.e., space for individual and population growth, breeding, foraging, and shelter). These habitat requirements do not occur within the study area. As such, special-status plant and animal species are not expected to occur within or immediately adjacent to the study area. Therefore, any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by CDFW or USFWS, is not expected to occur due to the lack of suitable habitat. No impact would occur.

b) Would the project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?

No Impact. Potentially jurisdictional surface waters and wetlands were not observed within the study area. The study area predominantly supports ornamental land cover and does not contain naturally occurring vegetation. The study area does not contain any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations, or by CDFW or USFWS. No impact to these biological resources would occur as a result of the projects.

c) Would the project have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

No Impact. Refer to Section 3.4(b). The study area does not contain any state or federally protected wetlands; no impact to these resources would occur as a result of the project.

d) Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

Less-than-Significant Impact with Mitigation Incorporated. Hermosillo Park is currently developed and is surrounded by urbanization. The study area is not located within or near a wildlife movement corridor. The study area contains suitable nesting habitat for numerous native bird species, which could nest in trees and shrubs during the nesting season (generally February 1 through August 31). Native bird species are protected pursuant to the California Fish and Game Code and federal Migratory Bird Treaty Act. Given the presence of shrubs and trees on and adjacent to the project site, it is probable nesting birds will be present during the nesting season. Project construction during the nesting season could impact nesting birds.

Project implementation of MM-BIO-1 (nesting bird avoidance) would reduce these potential indirect impacts to nesting birds to a less-than-significant level.

MM-BIO-1 Nesting Bird Avoidance. If project activities must begin during the breeding season (February 1–August 31), then a pre-construction nesting bird survey should be conducted no more than 7 days prior to initiation of ground disturbance and sediment removal activities. The nesting bird pre-construction survey should be conducted on foot inside the project site, including a 100-foot buffer (300-foot for raptors), and in inaccessible areas (e.g., private lands) from afar using binoculars to the extent practical. The survey should be conducted by a biologist familiar with the identification of avian species known to occur in Southern California communities. If nests are found, an avoidance buffer (dependent upon the species, the proposed work activity, and existing disturbances associated with land uses outside of the site) should be determined and demarcated by the biologist with bright orange construction fencing, flagging, construction lathe, or other means to mark the boundary. All construction personnel should be notified of the existence of the buffer zone and to avoid entering the buffer zone during the nesting season. No ground-disturbing or vegetation removal activities should occur inside this buffer until the avian biologist has confirmed that

breeding/nesting is completed and the young have fledged the nest. Encroachment into the buffer should occur only at the discretion of the qualified biologist.

e) Would the project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

No Impact. Most of the existing trees within the park are likely to be removed. All trees that are removed would be replaced with new trees, and new landscape would be added, for a net increase in trees and plants within the park and along the park perimeter. However, as the City does not have a tree protection ordinance, there are no locally protected trees within the study area (Appendix B). Therefore, there is no conflict with any local policies or ordinances protecting biological resources, and no impact would occur.

f) Would the project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

No Impact. There are no local, regional, or state habitat conservation plan areas in the vicinity (Appendix B). As such, the project would not conflict with the provisions of an adopted conservation plan, and no impact would occur.

3.5 Cultural Resources

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
V. CULTURAL RESOURCES – Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?	☐	☐	☐	☒
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	☐	☐	☒	☐
c) Disturb any human remains, including those interred outside of formal cemeteries?	☐	☐	☒	☐

This section is based on the results of archival research, including a search of the California Historical Resources Information System (CHRIS) database, and a pedestrian survey conducted by Dudek.

Archival Research

There are 24 historic aerial photographs (1953–2020) and 26 historic topographic maps (1896–2021) depicting the project site available online, and these were reviewed as part of the archival research conducted in support of the project (NETR 2024). The 1953 aerial photograph shows gridded areas located within the northwest portion of the project site. These features are likely associated with the project site's past agricultural uses. The remaining sections of the project site depicted in the 1953 historic aerial appear to be graded and undeveloped. Additionally, in 1953, three structures are present to the north of the project site, with a portion of one structure extending into

the northern section of the project site. In the 1972 aerial photograph, the project site exhibits indications of ground disturbance as evidenced by grading scars. The gridded areas in the northwest portion of the project site are now identified as cattle barriers. On the 1988 aerial photograph, the project site is depicted as the presently known Hermosillo Park, including its parking lot, a building located towards the south end of the park, trails, and Algardi Street, though the northern section of Algardi Street/the paved walking path is not yet depicted within the project site. Landscaped grass is present within the majority of the project site, along with trees scattered throughout park. No substantial changes are observed within the project site on the 1991 to 2016 aerial photographs. On the 2018 aerial photograph, the northern section of Algardi Street/the paved walking path is now observed within the project site. A review of the historic aerial photographs reveal that the project site has undergone some ground disturbing activities from its past use as an agricultural/ranching area, and its transition into a park in the 1980s. Three historic-age structures once existed to the north of the project site but are no longer extant. There is evidence to indicate that one potentially historic-era (constructed sometime between 1972 and 1988) structure remains extant within the project site, located within the southern central portion of Hermosillo Park.

In the 1896 to 1924 historic topographic (topo) maps, a structure is observed directly to the north of the project site. The structure is no longer observed on the 1925 topo map; however, two structures are observed in the southern section of the project site. An informal road intersects the project site near the center, oriented on a north to south axis, and terminates at the two structures. An additional informal road runs parallel to the southern boundary of the project site, extending east to west and terminates near the two structures. These informal roads are no longer depicted after the 1932 topo map. On the 1942 topo map, the two structures are no longer observed within the southern portion of project site. The depiction of the project site in the historic topographic maps remains largely unchanged until 1982. By 1982, there is a single structure depicted in the southern central portion of the project site. This structure appears to remain extant through the last available topographic map from 2020. Overall, a review of the historic topo maps identified the presence of two historic-age structures that once existed within the southern portion of the project site (circa 1925). Although there is evidence to indicate that these structures are no longer extant, one potentially historic-era structure (constructed sometime between 1975 and 1982) likely remains within the southern central portion of the project site.

A records search of the CHRIS database held at the South Central Coastal Information Center (SCCIC) for the project site was conducted on January 2, 2024. The records search identified five previously conducted cultural resources studies within 0.5 miles of the project site. These studies were conducted between 1997 and 2013 (Table 3.5-1). Of these studies, none address or intersect with the project site. The CHRIS records search indicates that no cultural resources have been previously recorded within the project site nor within 0.5 miles of the project site.

Table 3.5-1. Previous Technical Studies Within 0.5 Miles of the Project Site

Report Number	Authors	Date	Title
Reports Not Intersecting the Project Area			
LA-07162	Anonymous	1997	Cultural Resource Assessment Santa Fe Pacific Pipeline Expansion Project, Los Angeles County, California
LA-07739	Bonner, Wayne H.	2002	Records Search Results for Cingular Wireless Site Sm-167-01 (the Deans Auto Site), Located at 11830 Alondra Blvd., Norwalk, Los Angeles County, California

Table 3.5-1. Previous Technical Studies Within 0.5 Miles of the Project Site

Report Number	Authors	Date	Title
LA-09121	Bonner, Wayne H.	2007	Cultural Resources Records Search and Site Visit Results for T-Mobile Candidate LA23646A (Frontier Cabinets), 15928 Pioneer Boulevard, Norwalk, Los Angeles County, California
LA-10260	Bonner, Wayne H.	2010	Cultural Resources Records Search and Site Visit Results for Clearwire Candidate CA-LOS2007C, 16717 Norwalk Boulevard, Cerritos, Los Angeles County, California
LA-12435	Fulton, Phil	2013	Cultural Resources Assessment Class I Inventory Verizon Wireless Services Elaine Facility City of Cerritos, Los Angeles County, California

Native American Heritage Commission Sacred Lands File Search

Dudek contacted the Native American Heritage Commission (NAHC) on December 19, 2023, and requested a review of their Sacred Lands File (SLF) for the project site and a 0.5-mile radius. The SLF consists of a database of known Native American cultural resources. These resources may not be included in the CHRIS database. The NAHC replied via email on January 31, 2024, stating that the SLF search was completed with negative results. The NAHC additionally provided a list of 13 Native American individuals and/or tribal organizations that should be contacted for more information on potential tribal sensitivities regarding the project.

Pedestrian Survey

Dudek conducted an intensive-level archaeological resources and built environment resources pedestrian survey of the project site on January 25, 2024. The pedestrian survey employed standard archaeological and built environment procedures and techniques consistent with the Secretary of the Interior's Standards for a cultural resources inventory. The archaeological resource pedestrian survey was conducted in 15-meter intervals, oriented north to south. Where visible, the ground surface was examined for prehistoric artifacts (e.g., flaked stone tools, tool-making debris, stone milling tools, ceramics, fire-affected rock), soil discoloration that might indicate the presence of a cultural midden, soil depressions, features indicative of the current or former presence of structures or buildings (e.g., standing exterior walls, post holes, foundations), and historic artifacts (e.g., metal, glass, ceramics, building materials).

The built environment pedestrian survey entailed recordation and photo documentation of all historic-era resources within the project site that are 45 years of age or older. All historic-era roadways, structures, and landscape features were documented with notes and photographs. Special attention was given to noting any character-defining features, spatial relationships, observed alterations, and historic landscape features.

The project site is a well-maintained public park. The project site is bounded by residential development to the west, north, and east and by a school and 162nd Street to the south. The project site is developed with several park-related structures including a playground, basketball and handball courts, an amphitheater, and several concrete picnic tables. An approximately 7-foot-tall cinder block wall and a paved walking path are located around the western, northern, and eastern borders of the project site. A parking lot and concrete block building constructed circa 1978 are located in the southern central section of the project site. Vegetation within the project site primarily

consists of well-manicured grass, along with sycamore, pine, and oak trees. The pedestrian survey did not identify any archaeological resources within the project site.

A) Would the project cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?

No Impact. As defined by the CEQA Guidelines (14 CCR 15000 et seq.), a "historical resource" is considered to be a resource that is listed in or eligible for listing in the National Register of Historic Places or Califiornia Register of Historical Resources (CRHR), has been identified as significant in a historical resource survey, or is listed on a local register of historical resources. Under CEQA, a project may have a significant effect on the environment if it may cause "a substantial adverse change in the significance of an historical resource" (PRC Section 21084.1; 14 CCR 15064.5[b]). If a site is listed or eligible for listing in the CRHR, included in a local register of historic resources, or identified as significant in a historical resources survey (meeting the requirements of PRC Section 5024.1[q]), it is a historical resource and is presumed to be historically or culturally significant for the purposes of CEQA (PRC Section 21084.1; 14 CCR 15064.5[a]).

A review of historical aerial photographs and topographic maps indicates that the project site has been subject to past ground disturbances associated with some development and various agricultural uses throughout the twentieth century, as well as disturbances associated with its current site use as a public park. By 1988, the project site is shown to be consistent with the present site conditions. Additionally, a review of the CHRIS database records search for the project site identified no previously recorded archaeological resources within the project site or the 0.5-mile search radius, and the archaeological resources pedestrian survey of the project site was negative.

Archival research and the built environment pedestrian survey identified the presence of a concrete block building constructed circa 1978 located in the southern central portion of the project site. The 1978 concrete block utilitarian building does not meet the definition of a historical resource pursuant to Section 15064.5(a) because it does not meet the 50-year threshold for consideration in the CRHR, nor does it meet the special considerations requirements of 14 CCR 4852(d), which specifies that for a resource less than 50 years of age to be considered eligible for listing in the CRHR, it must be demonstrated that sufficient time has passed to understand its historical importance. Since the building is not known to currently possess any important associations with significant events or the lives of persons important in history under CRHR Criteria 1 and 2, design or construction value under CRHR Criterion 3, or information important in history under CRHR Criterion 4, the subject building would also not meet the special considerations requirements of 14 CCR 4852(d). As such, the subject building lacks the necessary significance to meet any of the criteria for listing in the CRHR and is not considered a historical resource for the purposes of CEQA.

As no resources are present, the project would not cause a substantial adverse change in the significance of a known historical resource pursuant to Section 15064.5. There would be no impact.

b) Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?

Less-than-Significant Impact. As discussed above, the SCCIC records search, review of historic maps and aerial images, and a pedestrian survey did not identify any archaeological resources in the project site. A

review of the historic aerials reveals that the project site has undergone ground disturbing activities from its past use as an agricultural/ranching area and its transition into a park in the 1980s (NETR 2024).

A search of the NAHC SLF was completed and negative results were received on January 31, 2024. As previously mentioned above, a review of the CHRIS database records held at the SCCIC did not identify any cultural resources reports intersecting the project site. No record of previously recorded historic-era or prehistoric archaeological resources are on file with the CHRIS SCCIC as being present within project site.

As no resources are present, the project would not cause a substantial adverse change in the significance of a known archaeological resource pursuant to Section 15064.5.

There is a low potential for encountering subsurface archaeological deposits during project implementation due to the negative CHRIS records search results, negative NAHC SLF results, negative pedestrian survey results, and history of agricultural/ranching activities and transition into a public park impacting the project site. No further cultural resource assessment is recommended in support of implementation of the project. [Pending if mitigation is requested during AB52 consultation.]

Although potential for encountering subsurface archaeological deposits is low, it is possible previously unknown cultural resources could be inadvertently discovered during construction. As such, MM-CUL-1 would be implemented to prevent impacts to potential archaeological resources.

MM-CUL-1 Inadvertent Discovery. In the unlikely event that archaeological resources (sites, features, or artifacts) are exposed during construction activities for the project, all construction work occurring within 100 feet of the find shall immediately stop until a qualified archaeologist meeting the Secretary of the Interior's Professional Qualification Standards can evaluate the significance of the find. Construction activities may continue in other areas but should be redirected a safe distance from the find. If the new discovery is evaluated and found to be significant under the California Environmental Quality Act and avoidance is not feasible, additional work such as data recovery may be warranted. A data recovery plan shall be developed by the qualified archaeologist in consultation with the City and Native American representatives, if applicable. Ground disturbance can continue only after the resource has been properly mitigated and with approval by the City.

c) Would the project disturb any human remains, including those interred outside of formal cemeteries?

Less-than-Significant Impact. No prehistoric or historic-era burials, including those interred outside of formal cemeteries, were identified within the project site as a result of the CHRIS records search, NAHC SLF search, or archival background research. Based on the previous ground disturbing activities and the presence of a public park, it is highly unlikely humans remains could be present within the project site.

In the unlikely event that human remains are inadvertently encountered during ground disturbing activities, they must be treated consistent with state and local regulations including California Health and Safety Code Section 7050.5, PRC Section 5097.98, and the California Code of Regulations Section 15064.5l. In accordance with these regulations, if human remains are found, the county coroner shall be immediately notified of the discovery. No further excavation or disturbance of the location of the discovery or any nearby area reasonably suspected to overlie adjacent remains shall occur until the county coroner has determined

the appropriate treatment and disposition of the human remains. If the county coroner determines that the remains are, or are believed to be, Native American, he or she shall follow all required protocols according to PRC Section 5097.98. Compliance with these regulations would ensure that impacts to human remains resulting from the project would be less than significant.

3.6 Energy

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
VI. Energy – Would the project:				
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☐	☐	☒	☐
b) Would the project conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☒	☐

a) Would the project result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?

Less-than-Significant Impact. Project implementation would result in energy use for construction and operation, including use of electricity, natural gas, and petroleum-based fuels. The following analysis evaluates the potential wasteful, inefficient, or unnecessary consumption of these energy sources during construction and operation.

Construction Energy Use

Electricity

Electricity consumed during project construction would vary throughout the construction period based on the construction activities being performed. Various construction activities would require electricity, including conveying water that would be used for dust control (supply and conveyance), powering any necessary lighting or electronic equipment, or other construction activities necessitating electrical power. Such electricity demand would be temporary, nominal, and would cease upon the completion of construction. Therefore, the use of electricity during project construction would not be wasteful, inefficient, or unnecessary.

Natural Gas

There would be no natural gas used during construction. Equipment and vehicles would be powered by petroleum-based fuels as discussed below. Therefore, the use of natural gas during project construction would not be wasteful, inefficient, or unnecessary.

Petroleum-Based Fuels

Construction of the project would consume energy resources as a result of the use of heavy-duty construction equipment, on-road delivery and haul trucks, and workers commuting to and from the project site. Petroleum emissions associated with the use of construction equipment and vehicles, which were used to calculate gallons of petroleum consumed, were calculated using CalEEMod and are provided in Appendix A. Fuel consumption from construction equipment was estimated by converting the total carbon dioxide (CO_2) emissions from each construction phase to gallons using the conversion factors for CO_2 to gallons of gasoline or diesel. The conversion factor for gasoline is 8.78 kilograms per metric ton (MT) CO_2 per gallon, and the conversion factor for diesel is 10.21 kilograms per MT CO_2 per gallon (The Climate Registry 2023). The estimated fuel usage from construction of the project is shown in Table 3.6-1.

Table 3.6-1. Total Proposed Project Construction Petroleum Demand

Scenario	Off-Road Equipment (diesel)	Haul Trucks (diesel)	Vendor Trucks (diesel)	Worker Vehicles (gasoline)
	Gallons			
Project Construction	79,734	16,486	2,187	4,728
			Total Petroleum Consumed for Project Construction	103,134

Source: Appendix A.

In summary, construction associated with the development of the project is estimated to consume a total of approximately 103,134 gallons of petroleum. The project would be subject to CARB's In-Use Off-Road Diesel Vehicle Regulation that applies to certain off-road diesel engines, vehicles, or equipment greater than 25 horsepower. The regulation (1) imposes limits on idling, requires a written idling policy, and requires a disclosure when selling vehicles; (2) requires all vehicles to be reported to CARB (using the Diesel Off-Road Online Reporting System) and labeled; (3) restricts the adding of older vehicles into fleets starting on January 1, 2014; and (4) requires fleets to reduce their emissions by retiring, replacing, or repowering older engines or installing Verified Diesel Emission Control Strategies (i.e., exhaust retrofits). The fleet must either show that its fleet average index was less than or equal to the calculated fleet average target rate, or that the fleet has met the Best Achievable Control Technology requirements.

Overall, while construction activities would consume petroleum-based fuels, consumption of such resources would be temporary and would cease upon the completion of construction. Further, the petroleum consumed related to construction would be typical of construction projects of similar types and sizes and would not necessitate new petroleum resources beyond what are typically consumed in California. Therefore, because petroleum use during project construction would be temporary and minimal and would not be wasteful or inefficient, impacts would be less than significant.

Operational Energy Use

Electricity

The proposed projects would require electricity for multiple purposes at buildout, including cooling, lighting, and appliances. CalEEMod default values for energy consumption for the proposed project and existing land uses were applied for the analysis. The energy use from non-residential land uses is calculated in CalEEMod based on the California Commercial End-Use Survey database. Energy use in buildings (both natural gas and electricity) is divided by the program into end-use categories subject to Title 24 requirements (end-uses associated with the building envelope, such as the heating, ventilating, and air conditioning [HVAC] system; water heating system; and integrated lighting) and those not subject to Title 24 requirements (such as appliances, electronics, and miscellaneous "plug-in" uses). Electricity consumption associated with project operations is based on the CalEEMod outputs presented in Appendix A.

According to these estimations, the proposed project would consume approximately 204,513 kilowatt-hours (kWh) per year during operation and the existing baseline conditions consume approximately 61,730 kWh per year, for a net increase of 142,783 kWh per year. For context, local electricity demand in Los Angeles County was approximately 68 billion kWh in 2022 (CEC 2024a). Overall, the net change in electricity demand would be minimal and would not be considered inefficient, wasteful, or unnecessary, and impacts would be less than significant.

Natural Gas

Operation of the proposed project and existing facilities would require natural gas for various purposes in the community services building, including to heat water and operate appliances. Natural gas consumption associated with operation is based on the CalEEMod outputs presented in Appendix A.

According to these estimations, the proposed project would consume approximately 215,445 kilo-British thermal units (kBtu) per year during operation and the existing baseline conditions consume approximately 78,574 kBtu per year, for a net increase of 136,871 kBtu per year. For context, local natural gas demand in Los Angeles County was approximately 282 billion kBtu in 2022 (CEC 2024b). Overall, the net change in natural gas demand would be minimal and would not be considered inefficient, wasteful, or unnecessary, and impacts would be less than significant.

Petroleum

During operations, the majority of fuel consumption resulting from the project would involve the use of motor vehicles traveling to and from the project site, as well as fuels used for alternative modes of transportation that may be used by employees and visitors of the project.

Petroleum fuel consumption associated with motor vehicles is a function of the vehicle miles traveled (VMT) and fuel efficiency. The net change in fuel estimates for the project versus existing scenarios is provided in Table 3.6-2.

Table 3.6-2. Petroleum Demand - Operations

Scenario	Gasoline (On-Road Vehicles and Landscape Equipment)	Diesel (On-Road Vehicles)	Total Petroleum
	Gallons		
Project	82,431	17,955	100,386
Existing	8,255	1,716	9,971
		Net Change (Project–Existing)	90,415

Source: Appendix A.

As depicted in Table 3.6-2, implementation of the project would lead to an incremental increase of approximately 90,415 gallons of petroleum per year, primarily associated with the estimated increase in vehicles from the proposed soccer fields. By comparison, California as a whole consumed approximately 22 billion gallons of petroleum in 2020 (EIA 2023), and in 2021 Los Angeles County consumed approximately 3,061 million gallons of gasoline and 224 million gallons of diesel (CEC 2022).

In summary, implementation of the proposed project would minimally increase the demand for electricity and natural gas at the project site and petroleum consumption in the region during construction and operation. However, because the project would be consistent with current regulations and policies, the proposed facilities would not be wasteful or inefficient and would not result in unnecessary energy resource consumption. The project's energy consumption demands during construction and operation would conform to the state's Title 24 standards such that the projects would not be expected to wastefully use gas and electricity. Since the proposed project would comply with Title 24 building standards, the proposed project would not directly require the construction of new energy generation or supply facilities or result in wasteful, inefficient, or unnecessary consumption of energy. Impacts would be less than significant.

b) Would the project conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

Less-than-Significant Impact. The project would be subject to and would comply with, at a minimum, the California Building Energy Efficiency Standards (24 CCR Part 6). These energy efficiency standards are reviewed every 3 years by the Building Standards Commission and the California Energy Commission and revised if necessary (PRC Section 25402[b][1]). Part 6 of Title 24 establishes energy efficiency standards for non-residential buildings constructed in California in order to reduce energy demand and consumption. Part 11 of Title 24 sets forth voluntary and mandatory energy measures that are applicable to the project under the California Green Building Standards. As such, the project would comply with the California code requirements for energy efficiency. The current Title 24 standards are the 2022 Title 24 building energy efficiency standards, which became effective January 1, 2023. Although the project would result in a larger community center than the existing facility, the new building would be designed to be more energy efficient based on compliance with the latest Title 24 standards. Impacts related to the project's potential to conflict with plans for renewable energy and energy efficiency would be less than significant.

3.7 Geology and Soils

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
VII. GEOLOGY AND SOILS – Would the project:				
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☒	☐
ii) Strong seismic ground shaking?	☐	☐	☒	☐
iii) Seismic-related ground failure, including liquefaction?	☐	☐	☒	☐
iv) Landslides?	☐	☐	☐	☒
b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☒	☐
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	☒	☐
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	☐	☐	☒	☐
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	☐	☐	☐	☒
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☒	☐	☐

a) Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:

i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

and

ii) Strong seismic ground shaking?

Less-than-Significant Impact. The project is located within a seismically active region, as is most of the Southern California region. The project would likely be exposed to seismic ground shaking at multiple points in the future. The intensity of ground shaking at any specific location within the region depends on the characteristics of the earthquakes, the distance from the earthquake epicenter, and the local geologic and soil conditions. Earthquake fault zones are delineated boundaries encompassing active faults that constitute potential hazards to structures from surface faulting or fault creep (DOC 2018).

The project site is not located within an Alquist-Priolo Earthquake Fault Zone; the nearest faults are faults in West Coyote Hills located approximately 7 miles northeast of the project site, the Newport-Inglewood-Rose Canyon Fault Zone located approximately 7.5 miles southwest of the project site, and the Whittier Fault Zone located approximately 7.5 miles northeast of the project site (DOC 2024a). Although the project is not located within a delineated earthquake fault zone, it is located within a seismically active region. However, project construction and operation would not increase or exacerbate the potential for fault rupture to occur. Therefore, the project would not directly or indirectly cause potential adverse effects involving rupture of a known earthquake fault, and impacts would be less than significant.

iii) Seismic-related ground failure, including liquefaction?

Less-than-Significant Impact. Ground failure is a secondary effect of ground shaking and can include landslides, liquefaction, lurching, and differential settlement. Liquefaction is the loss of soil strength due to seismic forces generating various types of ground failure. Liquefaction occurs when saturated and poorly consolidated granular material is shaken during an earthquake and is transformed into a fluid-like state.

According to maps obtained through the California Department of Conservation and California Geological Survey, the entire site is located in a liquefaction zone (DOC 2024a). As such, there is potential for liquefaction to occur. Full project design would include engineering design standards associated with seismic events, including liquefaction. Standard design and construction techniques such as spread footings, mat foundations, or other design considerations would be incorporated per California Building Code requirements, minimizing hazards due to liquefaction. Therefore, impacts would be less than significant.

iv) Landslides?

No Impact. Landslides typically occur on moderate to steep slopes that are affected by such physical factors as slope height, slope steepness, shear strength, and orientation of weak layers in the underlying geologic units. The project site and surroundings are generally flat with soils stabilized by development and landscaping. The project would not result in the creation of moderate to steep slopes that may become susceptible to landslides. As such, no impact would occur.

b) Would the project result in substantial soil erosion or the loss of topsoil?

Less-than-Significant Impact. Construction of the project would require earthwork activities that could potentially contribute to soil erosion or loss of topsoil. Construction of the project would result in more than 1 acre of land disturbance; therefore, a site-specific SWPPP in accordance with SWRCB Order No. 2009-0008-DWQ, National Pollutant Discharge Elimination System General Permit No. CAS00002 (Construction General Permit), amended by Order No. 2010-0014-DWQ and Order No. 2012-0006-DWQ, would be prepared and implemented during project construction. One of the purposes of the SWPPP is to address potential pollutants and their sources, including sources of sediment and site erosion. Conditions of these existing regulations would include adherence to sediment and stormwater pollutant control BMPs, such as covering of exposed soil stockpiles, sediment barriers, storm drain protection, and various other measures designed to minimize potential for soil erosion and loss of topsoil. Once complete, disturbed areas of the park would be similar to existing conditions. Operation of the proposed stormwater capture and filtration facility would be located underground and would not affect erosion. Therefore, the project would not result in substantial soil erosion of the loss of topsoil and impacts would be less than significant.

c) Would the project be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?

Less-than-Significant Impact. As previously discussed, the project site is located in a liquefaction zone. Full project design would include continued geotechnical investigations to inform final design and construction of the project relative to minimization of potential geotechnical risks, including soil stability, per applicable California Building Code requirements. Therefore, the project would not exacerbate geotechnical hazards related to unstable soils and impacts would be less the significant.

d) Would the project be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?

Less-than-Significant Impact. Expansive soils are clay-based and tend to increase in volume due to water absorption and decrease in water volume due to drying. Full project design would include continued geotechnical investigations including sampling and analysis of soils on site. If such conditions are encountered, the project would employ standard engineering protocols to limit the potential effects on project-related infrastructure. Therefore, impacts would be less than significant.

e) Would the project have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?

No Impact. The project would not involve the use of septic tanks or alternative wastewater disposal systems. Therefore, no impact would occur.

f) Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Less-than-Significant Impact with Mitigation Incorporated. The project site and underlying soils have been previously disturbed by the development of the existing Hermosillo Park, underlying infrastructure, and surrounding development.

Dudek submitted a paleontological records search request to the Natural History Museum of Los Angeles County (LACM) of the project site and the surrounding vicinity, and the results were received on February 5, 2024. The LACM reported no fossil localities within the project site; however, they did locate six fossil localities nearby from the same sedimentary deposits that may occur in the project site, either at the surface or at depth. These included LACM VP (vertebrate paleontology) 3347, LACM VP 4185-4201, LACM VP 3660, LACM VP 3382, LACM VP 3319, and LACM VP 4129, which yielded vertebrate specimens of horse, bison, camel, mammoth, mastodon, elephant clade, dire wolf, coyote, deer, dwarf pronghorn, unidentified artiodactyl, and sea duck. No paleontological resources were identified within the project site as a result of the records search and the project site is not anticipated to be underlain by unique geologic features. In the event that intact paleontological resources are located beneath the project site, ground-disturbing activities associated with construction of the proposed project, such as grading during site preparation and large diameter drilling (more than 2 feet diameter), have the potential to destroy a unique paleontological resource or site. Without mitigation, the potential damage to paleontological resources during construction would be a potentially significant impact. However, upon implementation of MM-GEO-1, impacts would be reduced to below the level of significance. Impacts of the proposed project would be less than significant with mitigation incorporated during construction.

MM-GEO-1 Paleontological Resources Monitoring: If excavations below a depth of 5 feet below the original ground surface are planned for the proposed project, a qualified City certified paleontologist meeting the Society of Vertebrate Paleontology's 2010 standards should be retained to determine when and where paleontological monitoring is warranted. The qualified paleontologist or a qualified paleontological monitor meeting the Society of Vertebrate Paleontology's 2010 standards under the direction of the qualified paleontologist should conduct the paleontological monitoring. If the sediments are determined by the qualified paleontologist to be too young or too coarse-grained to likely preserve paleontological resources, the qualified paleontologist can reduce or terminate monitoring per the Society of Vertebrate Paleontology's 2010 guidelines and based on the excavations remaining for the proposed project. The paleontological monitor should complete daily monitoring logs documenting construction activities and geological and paleontological observations. The qualified paleontologist should produce a final paleontological monitoring report that discusses the paleontological monitoring program, any paleontological discoveries, and the preparation, curation, and accessioning of the fossils into a suitable paleontological repository with retrievable storage.

3.8 Greenhouse Gas Emissions

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
VIII. GREENHOUSE GAS EMISSIONS – Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☒	☐

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	☒	☐

a) Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Less-than-Significant Impact. Greenhouse gases (GHGs) are those that absorb infrared radiation (i.e., trap heat) in the Earth's atmosphere. The trapping and buildup of heat in the atmosphere near the Earth's surface (the troposphere) is referred to as the "greenhouse effect" and is a natural process that contributes to the regulation of the Earth's temperature, creating a livable environment on Earth. The Earth's temperature depends on the balance between energy entering and leaving the planet's system, and many factors (natural and human) can cause changes in Earth's energy balance. Human activities that generate and emit GHGs to the atmosphere increase the amount of infrared radiation that gets absorbed before escaping into space, thus enhancing the greenhouse effect and causing the Earth's surface temperature to rise. This rise in temperature has led to large-scale changes to the Earth's system (e.g., temperature, precipitation, wind patterns), which are collectively referred to as climate change. Global climate change is a cumulative impact; a project contributes to this impact through its incremental contribution combined with the cumulative increase of all other sources of GHGs. Thus, GHG impacts are recognized exclusively as cumulative impacts (CAPCOA 2008).

As defined in California Health and Safety Code Section 38505(g) for purposes of administering many of the state's primary GHG emissions reduction programs, GHGs include CO_2, methane (CH_4), nitrous oxide (N_2O), hydrofluorocarbons, perfluorocarbons, sulfur hexafluoride, and nitrogen trifluoride (see also CEQA Guidelines Section 15364.5). The primary GHGs that would be emitted by project-related construction and operations include CO_2, CH_4, and N_2O.[7]

The Intergovernmental Panel on Climate Change developed the global warming potential (GWP) concept to compare the ability of each GHG to trap heat in the atmosphere relative to another gas. The reference gas used is CO_2; therefore, GWP-weighted emissions are measured in MT of CO_2 equivalent (CO_2e). The current version of CalEEMod assumes that the GWP for CH_4 is 25 (so emissions of 1 MT of CH_4 are equivalent to emissions of 25 MT of CO_2), and the GWP for N_2O is 298, based on the Intergovernmental Panel on Climate Change's Fourth Assessment Report (IPCC 2007).

[7] Emissions of hydrofluorocarbons, perfluorocarbons, sulfur hexafluoride, and nitrogen trifluoride are generally associated with industrial activities, including the manufacturing of electrical components and heavy-duty air conditioning units and the insulation of electrical transmission equipment (substations, power lines, and switch gears). Therefore, emissions of these GHGs were not evaluated or estimated in this analysis because the project would not include these activities or components and would not generate hydrofluorocarbons, perfluorocarbons, sulfur hexafluoride, or nitrogen trifluoride in measurable quantities.

Section 15064.7(c) of the CEQA Guidelines specifies that "when adopting thresholds of significance, a lead agency may consider thresholds of significance previously adopted or recommended by other public agencies, or recommended by experts, provided the decision of the lead agency to adopt such thresholds is supported by substantial evidence." The CEQA Guidelines do not prescribe specific methodologies for performing an assessment, establish specific thresholds of significance, or mandate specific mitigation measures. Rather, the CEQA Guidelines emphasize the lead agency's discretion to determine the appropriate methodologies and thresholds of significance that are consistent with the manner in which other impact areas are handled in CEQA (CNRA 2009).

As discussed in Section 3.3, the proposed project is located within the jurisdictional boundaries of the SCAQMD. In October 2008, the SCAQMD proposed recommended numeric CEQA significance thresholds for GHG emissions for lead agencies to use in assessing GHG impacts of residential and commercial development projects as presented in its Draft Guidance Document—Interim CEQA Greenhouse Gas (GHG) Significance Threshold (SCAQMD 2008b). This document, which builds on the California Air Pollution Control Officers Association's previous guidance, explored various approaches for establishing a significance threshold for GHG emissions. The draft interim CEQA thresholds guidance document was not adopted or approved by the Governing Board. However, in December 2008, the SCAQMD adopted an interim 10,000 MT CO_2e per-year screening level threshold for stationary source/industrial projects for which the SCAQMD is the lead agency (SCAQMD 2010). The 10,000 MT CO_2e per-year threshold, which was derived from GHG reduction targets established in Executive Order S-3-05, was based on the conclusion that the threshold was consistent with achieving an emissions capture rate of 90% of all new or modified stationary source projects.

The SCAQMD formed a GHG CEQA Significance Threshold Working Group to work with SCAQMD staff on developing GHG CEQA significance thresholds until statewide significance thresholds or guidelines are established. From December 2008 to September 2010, the SCAQMD hosted working group meetings and revised the draft threshold proposal several times, although it did not officially provide these proposals in a subsequent document. The SCAQMD has continued to consider adoption of significance thresholds for residential and general land-use development projects. The most recent proposal issued by SCAQMD, issued in September 2010, uses the following tiered approach to evaluate potential GHG impacts from various uses (SCAQMD 2010):

Tier 1. Determine if CEQA categorical exemptions are applicable. If not, move to Tier 2.

Tier 2. Consider whether or not the proposed project is consistent with a locally adopted GHG reduction plan that has gone through public hearing and CEQA review, that has an approved inventory, includes monitoring, etc. If not, move to Tier 3.

Tier 3. Consider whether the project generates GHG emissions in excess of screening thresholds for individual land uses. The 10,000 MT CO_2e per-year threshold for industrial uses would be recommended for use by all lead agencies. Under option 1, separate screening thresholds are proposed for residential projects (3,500 MT CO_2e per year), commercial projects (1,400 MT CO_2e per year), and mixed-use projects (3,000 MT CO_2e per year). Under option 2, a single numerical screening threshold of 3,000 MT CO_2e per year would be used for all non-industrial projects. If the project generates emissions in excess of the applicable screening threshold, move to Tier 4.

Tier 4. Consider whether the project generates GHG emissions in excess of applicable performance standards for the project service population (population plus employment). The efficiency targets were established based on the goal of AB 32 to reduce statewide GHG emissions to 1990 levels by 2020. The 2020 efficiency targets are 4.8 MT CO_2e per-service population for project-level analyses and 6.6 MT CO_2e per-service population for plan-level analyses. If the project generates emissions in excess of the applicable efficiency targets, move to Tier 5.

Tier 5. Consider the implementation of CEQA mitigation (including the purchase of GHG offsets) to reduce the project efficiency target to Tier 4 levels.

To determine the proposed project's potential to generate GHG emissions that would have a significant impact on the environment, its GHG emissions were compared to the SCAQMD 3,000 MT CO_2e per year screening threshold recommended for non-industrial projects.

Construction

Construction of the project would result in GHG emissions, which are primarily associated with off-road construction equipment, on-road haul and vendor trucks, and worker vehicles. The SCAQMD recommends that "construction emissions be amortized over a 30-year project lifetime, so that GHG reduction measures will address construction GHG emissions as part of the operational GHG reduction strategies" (SCAQMD 2008b). CalEEMod was used to calculate the annual GHG emissions based on the construction scenario described in Section 2.3, Construction Phasing and Schedule. Table 3.8-1 presents the GHG emissions resulting from construction of the project. For further detail on the assumptions and results of this analysis, please refer to Appendix A.

Table 3.8-1. Estimated Annual Construction Greenhouse Gas Emissions

Year	CO_2	CH_4	N_2O	R	CO_2e
	Metric Tons				
2024	255.84	0.01	0.01	0.06	258.69
2025	659.97	0.03	0.03	0.18	668.97
2026	129.64	0.01	0.00	0.02	130.42
Total	**1,045.45**	**0.04**	**0.04**	**0.26**	**1,058.08**
			Amortized Construction Emissions (Over 30-Years)		*35.27*

Source: Appendix A
Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; R = refrigerants; CO_2e = carbon dioxide equivalent.
Totals may not sum due to rounding.

As shown in Table 3.8-1, the estimated total GHG emissions during construction would be approximately 1,058 MT CO_2e. Estimated project-generated construction emissions amortized over 30 years would be approximately 35 MT CO_2e per year. In addition, as with project-generated construction criteria air pollutant emissions, GHG emissions generated during proposed construction activities would be short term, lasting only for the duration of the construction period, and would not represent a long-term source of GHG emissions.

Operational Emissions

CalEEMod was also used to estimate potential project-generated operational GHG emissions from mobile sources, area sources (i.e., landscape maintenance equipment), energy sources (electricity and natural gas), water use and wastewater generation, refrigerants, and solid waste (i.e., CO_2e emissions associated with landfill off-gassing). Operational emissions were also quantified for the existing park uses. Table 3.8-2 shows the estimated annual GHG emissions from operation of the proposed project and the existing scenario. As discussed above, the net increase in annual operational emissions was combined with amortized construction emissions and compared to SCAQMD's recommended threshold of 3,000 MT CO_2e per year for non-industrial projects.

Table 3.8-2. Estimated Annual Operational GHG Emissions

Emission Source	CO_2	CH_4	N_2O	R	CO_2e
	Metric Tons per Year				
Project					
Mobile	906.89	0.04	0.04	1.24	920.49
Area	0.17	<0.01	<0.01	N/A	0.17
Energy	43.55	<0.01	<0.01	N/A	43.77
Water	10.24	0.05	<0.01	N/A	11.87
Waste	0.75	0.08	0.00	N/A	2.63
Refrigerants	N/A	N/A	N/A	<0.01	0.00
Total	**961.60**	**0.17**	**0.04**	**1.24**	**978.93**
Existing					
Mobile	89.94	<0.01	<0.01	0.16	91.37
Area	0.06	<0.01	<0.01	N/A	0.06
Energy	13.93	<0.01	<0.01	N/A	14.00
Water	9.49	0.02	<0.01	N/A	10.12
Waste	0.32	0.03	0.00	N/A	1.11
Refrigerants	N/A	N/A	N/A	<0.01	0.00
Total	**113.74**	**0.05**	**0.00**	**0.16**	**116.66**
				Net Increase (Project–Existing)	**862.27**
				Amortized 30-Year Construction Emissions	*35.27*
				Total Net Increase in Annual Emissions	**897.54**

Source: Appendix A.
Notes: GHG = greenhouse gas; CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; R= refrigerants; CO_2e = carbon dioxide equivalent; N/A = not applicable.

As shown in Table 3.8-2, the estimated total net increase in GHG emissions from operation of the proposed project would be approximately 898 MT CO_2e per year, including amortized construction emissions. The proposed project would not exceed the SCAQMD threshold of 3,000 MT CO_2e per year. Projects below this significance criterion have a minimal contribution to global emissions and are considered to have less-than-significant impacts. Therefore, operational impacts associated with directly or indirectly generating a significant quantity of GHG emissions would be less than significant.

b) Would the project generate conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Less-than-Significant Impact. Applicable plans for the project site include SCAG's 2020–2045 RTP/SCS and CARB's 2017 and 2022 Scoping Plan Updates to address Senate Bill (SB) 32 and Assembly Bill (AB) 1279. Each of these plans is described below along with an analysis of the proposed project's potential to conflict with the related GHG emission reduction goals.

Project Consistency with SCAG's 2020 RTP/SCS

On September 3, 2020, the Regional Council of SCAG formally adopted the 2020–2045 RTP/SCS as a regional growth management strategy, which targets per capita GHG reduction from passenger vehicles and light-duty trucks in the Southern California region pursuant SB 375. In addition to demonstrating the region's ability to attain the GHG emission-reduction targets set forth by CARB, the 2020–2045 RTP/SCS outlines a series of actions and strategies for integrating the transportation network with an overall land use pattern that responds to projected growth, housing needs, changing demographics, and transportation demands (SCAG 2020). Thus, successful implementation of the 2020–2045 RTP/SCS would result in more complete communities with various transportation and housing choices while reducing automobile use.

The primary objective of the RTP/SCS is to provide guidance for future regional growth (i.e., the location of new residential and non-residential land uses) and transportation patterns throughout the region, as stipulated under SB 375. Given that the proposed project involves the renovation of an existing park and the construction of a stormwater capture and treatment facility, the goals and strategies of the RTP/SCS are not directly applicable. As such, the proposed project would not conflict with the goals and policies of the RTP/SCS and impacts would be less than significant.

Project Consistency with State Reduction Targets and CARB's Scoping Plan

The California State Legislature passed the Global Warming Solutions Act of 2006 (AB 32) to provide initial direction to limit California's GHG emissions to 1990 levels by 2020 and initiate the state's long-range climate objectives. Since the passage of AB 32, the state has adopted GHG emissions reduction targets for future years beyond the initial 2020 horizon year. For the proposed project, the relevant GHG emissions reduction targets include those established by SB 32 and AB 1279, which require GHG emissions be reduced to 40% below 1990 levels by 2030, and 85% below 1990 levels by 2045, respectively. In addition, AB 1279 requires the state achieve net zero GHG emissions by no later than 2045 and achieve and maintain net negative GHG emissions thereafter.

As defined by AB 32, CARB is required to develop the Scoping Plan, which provides the framework for actions to achieve the state's GHG emission targets. The Scoping Plan is required to be updated every 5 years and requires CARB and other state agencies to adopt regulations and initiatives that will reduce GHG emissions statewide. The first Scoping Plan was adopted in 2008, and it was updated in 2014, 2017, and most recently in 2022. Although the Scoping Plan is not directly applicable to specific projects, nor is it intended to be used for project-level evaluations,[8] it is the official framework for the measures and

[8] The Final Statement of Reasons for the amendments to the CEQA Guidelines reiterates the statement in the Initial Statement of Reasons that "the Scoping Plan may not be appropriate for use in determining the significance of individual projects because it

regulations that will be implemented to reduce California's GHG emissions in alignment with the adopted targets. Therefore, a project would be found to not conflict with the statutes if it would meet the Scoping Plan policies and would not impede attainment of the goals therein.

CARB's 2017 Scoping Plan update was the first to address the state's strategy for achieving the 2030 GHG reduction target set forth in SB 32 (CARB 2017); the most recent CARB 2022 Scoping Plan update outlines the state's plan to reduce emissions and achieve carbon neutrality by 2045 in alignment with AB 1279 and assesses progress toward the 2030 SB 32 target (CARB 2022b). As such, given that SB 32 and AB 1279 are the relevant GHG emission targets, the 2017 and 2022 Scoping Plan updates are the most applicable to the proposed project.

The 2017 Climate Change Scoping Plan Update included measures to promote renewable energy and energy efficiency (including the mandates of SB 350), measures to increase stringency of the Low Carbon Fuel Standard, measures identified in the Mobile Source and Freight Strategies, measures identified in the proposed Short-Lived Climate Pollutant Plan, and measures to increase stringency of SB 375 targets. The 2022 Scoping Plan for Achieving Carbon Neutrality builds upon and accelerates programs currently in place, including moving to zero-emission transportation; phasing out use of fossil gas use for heating homes and buildings; reducing chemical and refrigerants with high GWP; providing communities with sustainable options for walking, biking, and public transit; and displacement of fossil-fuel fired electrical generation through use of renewable energy alternatives (e.g., solar arrays and wind turbines) (CARB 2022b).

Many of the measures and programs included in the Scoping Plan would result in the reduction of project-related GHG emissions with no action required at the project-level, including GHG emission reductions through increased energy efficiency and renewable energy production (SB 350), reduction in carbon intensity of transportation fuels (Low Carbon Fuel Standard), and the accelerated efficiency and electrification of the statewide vehicle fleet (Mobile Source Strategy). Given that the proposed project is also not anticipated to result in substantial increase in mobile trips (see Section 3.17, Transportation), the project would also not conflict with the 2017 update's goal of reducing GHG emissions through reductions in VMT statewide.

The 2045 carbon neutrality goal required CARB to expand proposed actions in the 2022 update to include those that capture and store carbon in addition to those that reduce anthropogenic sources of GHG emissions. The proposed project would support the state's carbon neutrality goals, as implementation includes addition of urban trees and native plantings throughout the project site, which represent opportunities for potential carbon removal and sequestration over the project lifetime. However, the 2022 update emphasizes that reliance on carbon sequestration in the state's natural and working lands will not be sufficient to address residual GHG emissions, and achieving carbon neutrality will require research, development, and deployment of additional methods to capture atmospheric GHG emissions (e.g., mechanical direct air capture). Given that the specific path to neutrality will require development of technologies and programs that are not currently known or available, the project's role in supporting the statewide goal would be speculative and cannot be wholly identified at this time.

Overall, the proposed project would comply will all regulations adopted in furtherance of the Scoping Plan to the extent applicable and required by law. As mentioned above, several Scoping Plan measures would result

is conceptual at this stage and relies on the future development of regulations to implement the strategies identified in the Scoping Plan" (CNRA 2009).

in reductions of project-related GHG emissions with no action required at the project-level, including those related to energy efficiency, reduced fossil fuel use, and renewable energy production. As demonstrated above, the proposed project would not conflict with CARB's 2017 or 2022 Scoping Plan updates or with the state's ability to achieve the 2030 and 2045 GHG reduction and carbon neutrality goals.

Based on the preceding considerations, the proposed project would not conflict with any applicable plan, policy, or regulation of an agency adopted for the purpose of reducing GHG emissions, and impacts would be less than significant.

3.9 Hazards and Hazardous Materials

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
IX. HAZARDS AND HAZARDOUS MATERIALS – Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☒	☐
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	☒	☐
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☒	☐	☐
d) Be located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☒	☐
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	☐	☒
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	☐	☐	☐	☒

a) Would the project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

Less-than-Significant Impact. Relatively small amounts of commonly used hazardous substances such as gasoline, diesel fuel, lubricating oil, adhesive materials, grease, solvents, and architectural coatings would be used during construction. Operation and maintenance of the project would also require routine use of common hazardous substances. These materials are used routinely throughout urban environments for construction projects and operation of utility infrastructure. These materials would be transported and handled in accordance with all federal, state, and local laws regulating the management and use of hazardous materials. Consequently, use of these materials for their intended purpose would not pose a significant risk to the public or environment. With adherence to state and local regulations, impacts associated with routine transport, use, and disposal of hazardous materials would be less than significant.

b) Would the project create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

Less-than-Significant Impact. As discussed under Section 3.9(a), construction and operation would involve relatively small amounts of commonly used hazardous substances such as gasoline, diesel fuel, lubricating oil, grease, adhesive materials, and solvents. These materials are not considered acutely hazardous and are used routinely throughout urban environments for both construction and operation of projects. Further, these materials would be transported, handled, and disposed in accordance with all federal, state, and local laws regulating the management and use of hazardous materials. Impacts would be less than significant.

c) Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

Less-than-Significant Impact with Mitigation Incorporated. Sanchez Elementary School is approximately 150 feet southwest of the project site, with 162nd Street between the project site and the school property. Construction and operation of the project would involve relatively small amounts of commonly used hazardous substances such as gasoline, diesel fuel, lubricating oil, grease, adhesive materials, and solvents. These materials are used routinely throughout urban environments for construction projects and would not pose a significant risk to the public or environment. Additionally, these materials would be transported and handled in accordance with all federal, state, and local laws regulating the management and use of hazardous materials.

Potential health impacts related to construction air emissions are analyzed in Section 3.3 of this MND. As discussed in Section 3.3, proposed construction activities would generate emissions in excess of site-specific LSTs for PM_{10} and $PM_{2.5}$; therefore, localized impacts of the proposed project warrant implementation of mitigation. MM-AQ-1 and MM-AQ-2, which require site watering and minimum construction equipment emissions standards, would be incorporated into project construction and would reduce emissions to below site-specific LSTs (refer to Table 3.3-5). Additionally, a construction HRA was performed for the project, which demonstrates that the unmitigated construction DPM emissions would result in a potential maximum cancer risk at the Maximally Exposed Individual Resident and school that would be below the applicable SCAQMD thresholds. In addition, MM-AQ-2, which requires use of Tier 4 Final engines for equipment greater than 75 horsepower, would substantially reduce DPM emissions (by

approximately 84%) and associated risk from implementation of stringent off-road equipment exhaust controls. With the incorporation of MM-AQ-1 and MM-AQ-2, emissions would be reduced to below applicable thresholds. As such, impacts would be less than significant with mitigation incorporated.

Operation of the project would involve the use of underground stormwater filtration system and the use of the park facilities consistent with the current uses. Operation of the project would not result in the release of hazardous emissions or the emission or use of acutely hazardous materials. Therefore, operational use would result in less-than-significant impacts.

d) Would the project be located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

Less-than-Significant Impact. The California Department of Toxic Substances Control's EnviroStor database tracks cleanup, permitting, enforcement, and investigation efforts at hazardous waste facilities and sites with known contamination. According to the EnviroStor database, no sites or facilities are located within or adjacent to the project site. The nearest identified active site is the Former Clown Cleaners, a Voluntary Cleanup Site, located approximately 1.3 miles northwest of the project site (DTSC 2024). Due to its status and distance from the project site, this active site would not have a significant effect on the project site. Other state and local government agencies are required to provide additional hazardous materials release information for the Cortese List. The SWRCB's GeoTracker database identifies leaking underground storage tanks, waste discharge sites, oil and gas sites, and other waste or cleanup sites. A review of GeoTracker did not identify any sites or facilities within or adjacent to the project site. The nearest identified sites with open-site assessment statuses include Diamond Tire Center (ID No. T0603704070), a LUST Cleanup Site, located approximately 0.35 miles southwest of the project site, and Artesia Building Materials, INC. (ID No. T0603750351), a LUST Cleanup Site, located approximately 0.40 miles southwest of the project site (SWRCB 2024). These hazardous materials sites are located at adequate distances from the project site such that they would not present a worker hazard for construction crews. Impacts would be less than significant.

e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?

No Impact. The project site is approximately 5.3 miles northwest of the Fullerton Municipal Airport, approximately 5.7 miles northeast of the Long Beach Airport, and approximately 9 miles east of the Compton/Woodley Airport. The project site does not fall within the airport land use plan for these airports. The project is not located within 2 miles of a public use airport. Therefore, no impact would occur.

f) Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

Less-than-Significant Impact. The City has prepared a Local Hazard Mitigation Plan. The hazard mitigation plan is a document that contains information and policies to reduce risks from disasters to the people, property, economy, and environment within the City (City of Norwalk 2022). Construction of the stormwater capture and filtration facility would require the construction of diversion pipelines, one within park boundaries and one beneath Algardi Street. Construction would require temporary work in Algardi Street

and Horst Avenue, including pavement removal, trench excavation, pipe and vault installation, and pavement resurfacing. Portions of traffic lanes would be closed during construction. All road closures would be performed pursuant to a traffic-control plan prepared by the contractor and approved by the City Engineer (see Section 3.17 for further information). Access to residential driveways would be maintained at all times. Traffic on Algardi Street and Horst Avenue would resume to existing conditions upon completion of the project. Project construction and operation would not include any other activities that would interfere with emergency response or emergency evacuation. Impacts would be less than significant.

g) Would the project expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?

No Impact. The project site is located within a Local Responsibility Area and is not located within a Very High Fire Hazard Severity Zone (CAL FIRE 2023). The nearest Very High Fire Hazard Severity Zone is located in Whittier, approximately 7 miles northeast of the project site. In the event of an emergency, fire response services for the project are provided by the Los Angeles County Fire Department. Construction and operation of the project would comply with Chapter 15.08 of the City's Municipal Code, which adopts the California Fire Code (CFC) by reference. Chapter 33 of the CFC outlines general fire safety precautions during construction and demolition that are intended to maintain minimum levels of fire protection and limit the spread of fire. The project would not include structures intended for long-term occupancy or include development that could exacerbate fire risk. Furthermore, the project site is relatively flat and would not influence prevailing winds or other factors that could exacerbate wildfire risk. As such, people and structures would not be exposed to a significant risk of loss, injury, or death involving wildfires. No impact would occur.

3.10 Hydrology and Water Quality

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
X. HYDROLOGY AND WATER QUALITY – Would the project:				
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	☐	☐	☒	☐
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☒	☐
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
i) result in substantial erosion or siltation on- or off site;	☐	☐	☒	☐
ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off site;	☐	☐	☒	☐
iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	☒	☐
iv) impede or redirect flood flows?	☐	☐	☒	☐
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	☐	☒
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☒	☐

a) Would the project violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?

Less-than-Significant Impact. The project site is located within the LSGR Watershed Group jurisdiction. The LSGR Watershed Group's WMP was developed to achieve reductions in the pollutants in the waterbodies of the LSGR and its tributaries. The WMP was developed to implement the requirements of the MS4 permits on a watershed scale, and it identified a need for watershed control measures and structural BMPs to address water quality objectives within the watershed (described in more detail in Section 1.1, Project Background and Overview).

Construction of the project would involve ground disturbing activities for grading that could result in sediment discharge in stormwater runoff. Additionally, construction would involve the use of oil, lubricants, and other chemicals that could be discharged from leaks or accidental spills. These potential sediment and chemical discharges during construction would have the potential to impact water quality in receiving water bodies. However, the project would be required to prepare and implement a SWPPP in compliance with the General Construction Permit, which would include water quality BMPs to ensure that water quality standards are met and that runoff from the construction work areas does not cause degradation of water quality in receiving water bodies. Further, the project would comply with the City's Municipal Code Chapter 18.04, Stormwater Management and Discharge Control, which regulates discharge to the municipal stormwater system. Through the incorporation of BMPs through implementation of SWPPP requirements, impacts associated with water quality standards during construction would be less than significant.

The purpose of the project is to decrease the amount of pollutants in stormwater and dry-weather runoff entering the LSGR. The project would be implementing identified improvements in the LSGR WMP for

pollution reduction. Upon operation, existing stormwater flows would be diverted and treated prior to infiltration and/or discharge, resulting in water quality benefits compared to existing conditions. Ongoing maintenance and sampling would ensure that the project is performing as expected in terms of treatment of stormwater. Therefore, impacts during operation would be less than significant.

b) Would the project substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?

Less-than-Significant Impact. The project would include the installation of three underground storage reservoirs that would connect to existing storm drains to collect stormwater. The reservoirs would have permeable concrete floors to allow water to seep into the underlying aquifer and provide natural filtration through the soil. In this way, the project would increase groundwater recharge in areas under the park. The project would not otherwise result in a substantial change in impervious surfaces that would affect groundwater infiltration because the proposed park rehabilitation would replace all existing amenities with improved features that would not substantially alter the amount of impervious surface and would be consistent with the existing uses and conditions at the park. Additionally, the project would not entail temporary or permanent use of groundwater and, thus, would not deplete groundwater within the project vicinity. Therefore, the project would not substantially decrease groundwater supplies or interfere substantially with groundwater recharge; impacts would be less than significant.

c) Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:

i) Result in substantial erosion or siltation on- or off site?

and

ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off site?

and

iii) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?

and

iv) Impede or redirect flood flows?

Less-than-Significant Impact. The project would not substantially alter existing drainage patterns, including streams or river courses. Construction of the project would entail temporary earthwork to excavate and install the storage reservoirs and infiltration galleries. Implementation of the project-specific SWPPP, including BMPs, would prevent substantial erosion and siltation of exposed soils during construction activities. Once construction of the stormwater infrastructure is complete, the park facilities would be replaced with enhanced facilities to serve the needs of park visitors.

In operation, the intent of the project is to capture and divert stormwater flows, which would be directed to the underground system and therefore would not result in substantial erosion, siltation, or runoff. Operation of the stormwater infrastructure would improve the stormwater system because it would improve storage, infiltration, and filtration capabilities, which would reduce pollution of stormwater runoff. The project would not result in a substantial change in impervious surfaces within the project site because the proposed park rehabilitation would include the replacement of existing features with similar, enhanced park features. Therefore, implementation of the project would not substantially alter the existing drainage pattern of the site or area in a way that would cause substantial erosions, flooding, polluted runoff, or changes to flood flows. Impacts would be less than significant.

d) In flood hazard, tsunami, or seiche zones, would the project risk release of pollutants due to project inundation?

No Impact. According to Federal Emergency Management Agency flood maps, the project site is partially located in a Flood Zone X, characterized as an area with reduced flood risk due to levee (FEMA 2008). Additionally, the project site is not located within a tsunami inundation zone and seiches do not pose a hazard to the project site (DOC 2024b). The project would include the construction of a stormwater capture and treatment facility, which would improve the water quality of the LSGR. As discussed in Section 3.10(a), the project would prepare a SWPPP, which would include water quality BMPs to ensure that water quality standards are met and that runoff from the construction work areas does not cause degradation of water quality in receiving water bodies. Upon completion of construction, the project would not require the storage of pollutants that, in the event of inundation, could be released. When the water level in the reservoir reaches a predetermined elevation during heavy storm flows, excess inflow would enter a discharge pipeline for final pollutant removal prior to reentering the storm drain system and discharging into LSGR, similar to existing flow conditions except the stormwater flow would be pre-treated. Therefore, no impact associated with the risk of release of pollutants due to project inundation in a flood hazard, tsunami, or seiche zone would occur.

e) Would the project conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

Less-than-Significant Impact. As discussed in greater detail in Chapter 1, Introduction, the proposed project is identified in the LSGR WMP as a regional BMP project that would help meet regional pollution reduction goals. The project would implement the applicable water quality control plan for the region. As discussed previously, the project would allow for infiltration into the underlying soils and would not interfere with groundwater supplies. Therefore, the project would not conflict with a water quality control plan or sustainable groundwater management plan and impacts would be less than significant.

3.11 Land Use and Planning

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XI. LAND USE AND PLANNING – Would the project:				
a) Physically divide an established community?	☐	☐	☐	☒

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☐	☒

a) Would the project physically divide an established community?

No Impact. The project would be located within the existing Hermosillo Park and beneath Algardi Street. The project would not create a physical division of an existing community, like what could occur with the development of a freeway or large linear infrastructure. The project would not result in a removal of an existing means of access, such as a road or bridge, that would impede mobility with an existing community and other areas. Construction would require temporary work in Algardi Street and Horst Avenue. Portions of traffic lanes would be closed during construction. Access to residential driveways would be maintained at all times. Upon completion, recreational use of the affected portion of the park and Traffic on Algardi Street and Horst Avenue would resume under existing conditions. Therefore, the project would not physically divide an established community and no impact would occur.

b) Would the project cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?

No Impact. The project site is zoned as R1 (single-family residential) and has a General Plan land use designation of Open Space/Schools/Public Facilities. The project would include the construction of a stormwater capture and filtration facility, primarily located underground, and improvements to the existing Hermosillo Park. Upon completion, recreational use of the affected portion of the park would resume under similar conditions. Implementation of the project would not result in a change to land uses. Potential environmental impacts associated with the implementation of the project are analyzed throughout this MND. The project will incorporate applicable mitigation measures to reduce environmental impacts. Therefore, the project would not be in conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect. Therefore, no impacts would occur.

3.12 Mineral Resources

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XII. MINERAL RESOURCES – Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	☒
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☐	☒

a) ***Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?***

and

b) ***Would the project result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?***

No Impact. According to maps obtained through the California Department of Conservation and California Geological Survey, the project site is located within in an area designated as Mineral Resource Zone 1, which denotes an area where adequate information indicates that no significant mineral deposits area present, or where it is judged that little likelihood exists for their presence (Miller and Corbaley 1981). Therefore, the project would not result in any further loss of availability of the identified resources and no impact would occur.

3.13 Noise

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XIII. NOISE – Would the project result in:				
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☐	☒	☐

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	☒	☐
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒

Existing Setting

The project site is in a developed part of the City that primarily features residential development, along with areas of commercial, light industrial, and public uses. The project site is bounded on the south by 162nd Street and on the north, east, and west by single-family residential properties. On the park's eastern and western sides, Algardi Street and 161st Street feature cul de sacs that abut the project site, with gates providing pedestrian access but no vehicle access. Similar access is available from a Cobos Street cul de sac on the project site's northern side. Sanchez Elementary School is located southwest of Hermosillo Park, across 162nd Street. The project site is designated as Open Space/Schools/Public Facilities in the City General Plan Land Use Map (City of Norwalk 2020) and is zoned as R1 (single-family residential) in the City Zoning Map (City of Norwalk 2023).

Represented by locations ST1, ST2, ST3, and ST4 in Table 3.13-1, the existing outdoor ambient sound environment of Hermosillo Park was sampled during a field survey conducted on February 8, 2024. Collected sample sound pressure level measurements at these locations, along with documented investigator observations regarding perceived or witnessed acoustical contributors to this baseline or pre-project noise environment, also appear in Table 3.13-1. These locations are intended to be representative of the existing single-family homes adjoining the project area. Photographs, tagged survey positions, and instrument details can be found in Appendix C, Noise Modeling Data.

Table 3.13-1. Measured Samples of Existing Outdoor Ambient Sound Level

Survey Position	Description/Address	Time	L_{eq} (dBA)	L_{max} (dBA)	L_{min} (dBA)	Notes (Perceived Sound Sources)
ST1	10 feet northeast of the eastern border of Hermosillo Park	11:59 a.m.–12:15 p.m.	65.2	79.2	56.2	Distant aircraft, distant traffic, distant conversation/yelling, distant dog barking, rustling leaves
ST2	10 feet southeast of the eastern border of Hermosillo Park	12:27 p.m.–12:42 p.m.	57.3	72.7	48.5	Distant aircraft, distant traffic, distant conversation/yelling, distant dog barking, rustling leaves

Table 3.13-1. Measured Samples of Existing Outdoor Ambient Sound Level

Survey Position	Description/Address	Time	L_{eq} (dBA)	L_{max} (dBA)	L_{min} (dBA)	Notes (Perceived Sound Sources)
ST3	6 feet away from 162nd Street across the street of Hermosillo Park	12:47 p.m.–12:50 p.m.	54.2	77.8	51.5	Distant aircraft, distant traffic, distant conversation/yelling, distant dog barking, rustling leaves
ST4	10 feet northwest of the western border of Hermosillo Park	12:53 p.m.–1:08 p.m.	51.3	58.5	47.6	Distant aircraft, distant traffic, distant conversation/yelling, distant dog barking, rustling leaves

Source: Appendix C.
Notes: L_{eq} = equivalent continuous sound level (time-averaged sound level); dBA = A-weighted decibels; L_{max} = maximum sound level during the measurement interval; L_{min} = minimum sound level during the measurement interval.
Measurements at ST3 were cut short due to a safety concern.

The measured outdoor energy-equivalent sound level (L_{eq}) values appearing in Table 3.13-1 range from 51.3 to 65.2 A-weighted decibels (dBA) and are consistent with expectations for the environment based on the distance to major roadways such as Alondra Boulevard. For instance, guidance from the Federal Transit Administration (FTA) on estimating outdoor ambient sound level indicates that noise from "other roadways" 10 to 50 feet away from a receptor would be an estimated 70 dBA L_{eq} during daytime hours (FTA 2018).

Regulatory Setting and Thresholds of Significance

Local Noise Ordinance and General Plan Guidance

The project site is zoned as R1 (single-family residential) and has a General Plan land use designation of Open Space/Schools/Public Facilities. Section 9.04.120 of the City's Municipal Code sets ambient base noise levels of 55 dBA daytime (7:00 a.m.–10:00 p.m.) and 45 dBA nighttime (10:00 p.m.–7:00 a.m.) for the R1 zoned residential properties north, east, and west of the park and for Sanchez Elementary School south of the park. These noise standards apply to related noise sources referenced in Section 9.04.120. Section 9.04.150(E) of the City's noise regulations (i.e., Chapter 9.04 of the Municipal Code) does not quantify allowable construction noise levels; however, it prohibits construction at any time outside the hours of 7:00 a.m. to 6:00 p.m. or sunset, whichever comes first. Section 9.04.150 G prohibits the operation of pile drivers, hammers, and similar equipment between the hours of 6:00 p.m. or sunset, whichever is later, and 7:00 a.m. . The City's General Plan Noise Element (City of Norwalk 1996) also provides the following relevant policies:

- "Clearly acceptable" Community Noise Exposure Levels, or CNEL, shall not exceed 60 L_{dn} [day–night sound level] or CNEL (dB) for low-density single family residential land uses and 65 L_{dn} or CNEL (dB) for schools.

- "Normally acceptable" CNEL shall not exceed 70 L_{dn} or CNEL (dB) for both low-density single family residential land uses and schools.

Federal Guidance

Lacking quantified noise limits for construction noise at the local level, this assessment adopts the FTA-based guidance of 80 dBA 8-hour L_{eq} at a noise-sensitive receptor to determine impact significance.

a) Would the project result in generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Less-than-Significant Impact.

Construction

Construction of the project would result in the temporary generation of noise at the project site. Construction would involve the use of heavy equipment and machinery, such as excavators, loaders, cranes, temporary generators, scrapers, and other equipment. Construction would generate levels of noise that can vary from hour to hour and day to day depending on the equipment in use, the operations being performed, and the distance between the source and receptor. Typically, construction equipment operates in alternating cycles of full power and low power, producing average noise levels less than the maximum noise level. The average sound level of construction activity also depends on the amount of time that the equipment operates and the intensity of construction activities during that time. Table 3.13-2 presents the estimated construction noise level (8-hour L_{eq}) for each anticipated phase of project construction activity. Details of these predictions in Appendix C show the expected acoustical contribution from each type of operating construction equipment for each phase.

Table 3.13-2. Estimated Per-Phase Construction Noise Levels

Project Construction Activity Phase	Nearest Horizontal Distance to Nearest Noise-Sensitive Receptor (Feet)	Predicted 8-hour L_{eq} (dBA) for Nearest Distance	Centroid Horizontal Distance to Nearest Noise-Sensitive Receptor (Feet)	Predicted 8-hour L_{eq} (dBA) for Centroid Distance
Site mobilization	50	71.6	180	64.8
Demolition	155	64.8	315	61.7
Reservoir excavation	50	74.9	180	66.5
Reservoir construction	50	70.2	180	63.4
Pipeline, diversion structure, and treatment facility/pump installation	45	75.3	170	68.4
Field surface replacement	50	74.5	180	63.3
Upper terrace and bleach construction	145	58.2	300	53.9
Community center building construction	155	57.7	315	53.5
Architectural coatings	155	55.6	315	49.4
Basketball court, handball court, amphitheater, splash pad construction	80	62.8	225	56.3
Parking lot reconfiguration	25	73.8	125	64.1

Table 3.13-2. Estimated Per-Phase Construction Noise Levels

Project Construction Activity Phase	Nearest Horizontal Distance to Nearest Noise-Sensitive Receptor (Feet)	Predicted 8-hour L_{eq} (dBA) for Nearest Distance	Centroid Horizontal Distance to Nearest Noise-Sensitive Receptor (Feet)	Predicted 8-hour L_{eq} (dBA) for Centroid Distance
Concrete pathway improvements	25	72.5	125	58.6
Ancillary park improvements	25	72.8	125	63.1

Note: L_{eq} = energy-equivalent sound level; dBA = A-weighted decibel.

The predicted aggregate noise levels for some of the 13 studied construction activity phases are substantially greater than the samples of baseline outdoor ambient noise levels appearing in Table 3.13-1 and would represent an audible change to the environment; however, all predicted levels are less than the 80 dBA 8-hour L_{eq} FTA-based standard and would therefore result in a less-than-significant impact.

Operation

Upon completion of construction, the project would feature underground infrastructure to convey stormwater. On-site features associated with the infrastructure would include a submersible pump station, and its powered mechanical systems would be enclosed in a concrete "wet well" below grade with only a double-door hatch to the above-surface environment. Additionally, it is assumed that the proposed community center would feature operational noise from on-site HVAC systems, along with increased vehicle presence on site associated with the parking lot expansion and potential community events at the proposed amphitheater. On this basis, project operation noise was modeled to determine its effect on nearby noise-sensitive receptors during a daytime scenario (7:00 a.m. to 10:00 p.m.) featuring on-site stormwater capture and HVAC operations; increased parking activity associated with the community center, amphitheater, and basketball/handball courts; and a community event at the proposed amphitheater. Additionally, a nighttime scenario (10:00 p.m. to 7:00 a.m.) featuring only the on-site stormwater capture and community center building HVAC operations was evaluated. Details of these predictions can be found in Appendix C and are presented below in Table 3.13-3.

Table 3.13-3. Predicted Stationary Source Operation Noise Levels

Receptor ID	Receptor Description	Predicted Daytime (7:00 a.m. to 10:00 p.m.) L_{eq} (dBA)	Predicted Nighttime (10:00 p.m. to 7:00 a.m.) L_{eq} (dBA)
NSR1	Sanchez Elementary School -- 50 feet south of project site	48.3	40.9
NSR2	Residence – west of project site	37.6	34.7
NSR3	Residence – west of project site	34.3	31.7
NSR4	Residence – east of project site	40.6	24.3
NSR5	Residence – east of project site	44.4	24.2

Note: L_{eq} = energy-equivalent sound level; dBA = A-weighted decibel.

The results presented in Table 3.13-3 suggest that project operation noise is anticipated to be less than 55 dBA during daytime hours and less than 45 dBA during nighttime hours at the nearest existing sensitive receptors, and thereby comply with the operational noise thresholds (55 dBA between 7:00 a.m. to 10:00

p.m., 45 dBA between 10:00 p.m. to 7:00 a.m.) established in Section 9.04.120 of the City's Municipal Code. Therefore, impacts from on-site operational noise would be less than significant.

b) Would the project result in generation of excessive groundborne vibration or groundborne noise levels?

Less-than-Significant Impact. Vibration is oscillatory movement of mass (typically a solid) over time. Depending on their distances to a sensitive receptor, operation of large bulldozers, graders, loaded dump trucks, or other heavy construction equipment and vehicles on a construction site have the potential to cause high vibration amplitudes.

The City's Municipal Code does not have a vibration threshold against which project construction-related groundborne vibration impacts to the community can be assessed. For purposes of this impact assessment, a vibration velocity level of 0.2 inches per second (ips) peak particle velocity (PPV) is used as the standard for evaluating human annoyance (due to perceived groundborne vibration within an occupied structure) and the potential risk for residential building damage due to "continuous" or frequently occurring groundborne vibration events (Caltrans 2020).

Groundborne vibration attenuates rapidly, even over short distances. The attenuation of groundborne vibration as it propagates from source to receptor through intervening soils and rock can be estimated with expressions found in FTA and the California Department of Transportation guidance. For example, for a bulldozer or grader operating as close as 30 feet to the nearest receiving residential land use during the parking lot reconfiguration construction phase as shown in Table 3.13-2, the estimated vibration velocity level would be 0.068 ips PPV per the equation as follows (FTA 2018):

$$PPV_{rcvr} = PPV_{ref} \times (25/D)^{1.5} = 0.068 \text{ ips PPV} = 0.089 \times (25/30)^{1.5}$$

In the above equation, PPVrcvr is the predicted vibration velocity at the receiver position (i.e., residence), PPVref is the reference value at 25 feet from the vibration source (the bulldozer), and D is the actual horizontal distance to the receiver from the source.

During parking lot resurfacing, operation of a vibratory roller is anticipated and could be as close as 30 feet to an existing home. The roller has a reference PPV (PPV_{ref}) of 0.21 ips at 25 feet; therefore, its groundborne vibration would attenuate to 0.16 ips PPV. Both predicted groundborne vibration velocity PPV values associated with project construction are below the 0.2 ips PPV threshold for building occupant annoyance and building damage risk. Impacts during construction would be less than significant.

After completion of project construction, operation of the pump station and other project components are unlikely to cause vibration at the nearest off-site structures. Powered mechanical systems like the submersible pump are designed with reciprocating and/or rotating components that are balanced well and machined to high tolerances of precision that consequently minimize vibration and help sustain long operational life. Furthermore, vibrational energy from pump operation would be attenuated by both the pump enclosure and the surrounding soils. For this reason, project operation groundborne vibration at off-site receptors would be considered less than significant.

c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

No Impact. There are no public airports or private airfields within 2 miles of project site, and the project site is far from any aviation traffic noise contour greater than 65 dBA community noise equivalent level. Construction workers and park users would not be exposed to significant aviation noise levels. No impact would occur.

3.14 Population and Housing

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XIV. POPULATION AND HOUSING – Would the project:				
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☐	☒
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

a) Would the project induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

No Impact. Construction of the project would result in a temporary direct increase in construction jobs in the area. However, given the relatively small nature of the project construction and anticipated schedule, the demand for construction employment would likely be met within the existing and future labor market in the City and in the greater Los Angeles County area. If construction workers live outside of the City, these workers would likely commute during the temporary construction period. Operationally, the project does not contain land uses that typically result in direct population growth, such as new homes or large commercial/business centers. The project would not change the use of the existing Hermosillo Park. Upon completion, the project would improve Hermosillo Park to further serve the existing and anticipated future demand for recreational uses within the City. Additionally, the project is consistent with underlying land use and zoning designations. Therefore, the project would not directly result in substantial unplanned population growth in the area.

The project is located in an area served by existing roads and infrastructure. The project does not include the extension of utility infrastructure, such as sewer lines or roads, into previously undeveloped areas that may indirectly induce growth. Therefore, the project would not indirectly result in substantial unplanned population growth in the area. No impact would occur.

b) Would the project displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?

No Impact. The project site does not contain any existing housing or provide other means of housing people. The project would not displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere. No impact would occur.

3.15 Public Services

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XV. PUBLIC SERVICES				
a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the public services:				
Fire protection?	☐	☐	☐	☒
Police protection?	☐	☐	☐	☒
Schools?	☐	☐	☐	☒
Parks?	☐	☐	☒	☐
Other public facilities?	☐	☐	☐	☒

a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the public services:

Fire Protection? Police protection? Schools? Other public facilities?

Less than Significant Impact. As discussed in Section 3.14, Population and Housing, the project would not induce substantial unplanned population growth in the area. The project's Community Center Building would include public services such as a Recreation and Park Services Department staff office space and a new police substation. The park office would house one staff member and the police substation would house one officer and one support staff member. The project would not require additional facilities, as these facilities would be part of the Community Center. As such, the potential physical effects have been analyzed in this IS/MND. Therefore, construction, operation, and maintenance of the project would not

require new or physically altered facilities associated with fire protection, police protection, schools, or other public facilities. No impacts would occur.

Parks?

Less-than-Significant Impact. The project is located within Hermosillo Park and would result in physical alteration to an existing park. The total duration of project construction is anticipated to be 24 months and would require temporary closure of the park. All of Hermosillo Park is expected to be closed to the public for the duration of project construction. Park activities would be expected to be temporarily moved to nearby parks, which would accommodate the demand. The proposed stormwater capture and filtration facility would be located primarily underground and would not affect park use. The project would replace all existing amenities at Hermosillo Park with improved features as described in Section 2.2.2. Upon completion of construction, recreational use of the park would resume similar to existing conditions. As such, implementation of the project would not require the provision of new parks. Therefore, impacts to parks as a result of the project would be less then significant.

3.16 Recreation

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XVI. RECREATION				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☒	☐
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	☒	☐

a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

Less-than-Significant Impact. The total duration of project construction is anticipated to be 24 months, and construction would require the temporary closure of Hermosillo Park. Park activities would be expected to be temporarily moved to nearby parks, which would accommodate the demand. As such, project construction may result in the temporary increase in use of other parks in the City. However, upon completion of construction, recreational use of the park would resume under existing conditions. As such, impacts to recreational facilities would be less than significant.

b) Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?

Less-than-Significant Impact. The project would include improvements to the existing Hermosillo Park. As discussed in Section 3.16(a), the temporary closure of the park may result in an increase in use of other parks in the City. However, upon completion of construction, recreational use of the park would resume under existing conditions. Furthermore, as discussed in Section 3.14, implementation of the project would not induce population growth. As such, the project would not require the construction or expansion of other recreational facilities. As the proposed project includes the rehabilitation of a recreational facility, potential environmental impacts associated with the implementation of the project are analyzed throughout this MND, and potential impacts that have been identified related to air quality, biological resources, and archeological and paleontological resources would be reduced to a less-than-significant impact with mitigation. Therefore, impacts would be less than significant.

3.17 Transportation

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XVII. TRANSPORTATION – Would the project:				
a) Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?	☐	☐	☒	☐
b) Conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	☐	☐	☒	☐
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☒	☐
d) Result in inadequate emergency access?	☐	☐	☒	☐

This section evaluates the potential transportation related impacts of the project, including the potential for the project to conflict with a program, plan, ordinance, or policy addressing the circulation system; substantially increase hazards; or result in inadequate emergency access. The section also analyzes the potential impacts of the project based on CEQA Guidelines Section 15064.3(b), which focuses on newly adopted criteria (VMT) for determining the significance of transportation impacts. Pursuant to SB 743, the focus of transportation analysis has changed from level of service or vehicle delay to VMT. The City does not currently have VMT analysis guidelines; therefore, for the purposes of this section, the Governor's Office of Planning and Research Technical Advisory on Evaluating Transportation Impacts in CEQA (OPR 2018) has been used, as well as the Los Angeles County Public Works Transportation Impact Analysis Guidelines (County of Los Angeles 2020).

a) Would the project conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?

Less-than-Significant Impact. The project would not conflict with applicable programs, plans, ordinances, or policies addressing the circulation system, as further discussed below. This includes the City General Plan (City of Norwalk 1996), the City's Bicycle Master Plan (City of Norwalk 2020), and the existing and proposed roadway, pedestrian, bicycle, and transit facilities and services in the study area.

General Plan Circulation Element

The Circulation Element addresses the circulation improvements needed to relieve traffic congestion due to future land uses in the City. It also addresses potential demand management strategies and transit services. Corresponding goals and policies have been adopted to ensure that all components of the circulation system will meet the goals of the City (City of Norwalk 1996). The following goals are relevant to the project:

- Goal 2: A network of regional transportation facilities which ensure the safe and efficient movement of people and goods from within the City to areas outside its boundaries and which accommodates the regional travel demands of developing areas outside the city.
- Goal 4: An efficient public transportation system that provides mobility to all City residents, employees, and visitors.
- Goal 5: An efficient bicycle and pedestrian circulation system that encourages these alternative forms of transportation.
- Goal 6: Ensure that development of Class II bike lanes provides for the safe and efficient travel of both bicycles and vehicular traffic.
- Goal 8: A truck circulation system that provides effective transport of commodities while minimizing the negative impacts throughout the City.

Norwalk Bicycle Master Plan

The City has prepared a citywide Bicycle Master Plan that establishes the City's vision and comprehensive approach to improving biking in Norwalk. The Bicycle Master Plan lays out the steps for the City to promote and enhance biking in Norwalk. As a comprehensive action plan, the Bicycle Master Plan offers improvement projects, programs, and policies intended to encourage biking throughout Norwalk. This plan identifies facility needs that will enhance the safety and comfort of biking for every resident, employee, and visitor of Norwalk (Kittelson & Associates 2022). The goals and objectives of the plan are as follows:

- Provide safe, direct, and comfortable bike routes
- Improve safety for bicyclists
- Promote biking and encourage people to bike in Norwalk, improving community health and identity

Transit, Bicycle, and Pedestrian Facilities

Public transportation in the City is provided primarily by Norwalk Transit System (NTS) and the Los Angeles County Metropolitan Transportation Authority (Metro). Figure 5, Existing Transit Facilities, shows the various bus routes that provide service in the study area.

NTS operates fixed-route and paratransit service (a transit option for individuals who, due to disabilities, are unable to ride other NTS fixed-route buses) in Los Angeles County and serves the City of Norwalk and portions of Artesia, Bellflower, Cerritos, El Monte, La Mirada, Santa Fe Springs, South El Monte, La Habra, Whittier, and unincorporated areas of Los Angeles County (NTS 2024). The project site is served by NTS Route 3, a north–south route that runs along Norwalk Boulevard, connecting Tracy High School, Norwalk Public Library, John Glen High School, the Civic Center and Norwalk Transportation Center, Santa Fe High School and Santa Fe Springs City Hall, and Gateway Plaza. The nearest bus stop to the site is provided on Norwalk Boulevard and 161st Street, approximately 0.2 miles east of the project site. Metro Route 128 also serves the site and runs along Alondra Boulevard, connecting the Compton Station/MLK Transit Center, Bellflower, Paramount, Norwalk, and Cerritos. The nearest Metro bus stop is provided on Alondra Boulevard and Elaine Avenue, approximately 0.12 miles north of the project site (Metro 2024).

Existing bike lanes within the City are shown in Figure 6. There are a limited number of bikeways in and around the City at this time and the network is generally disconnected. The nearest bicycle facility to the project site is a Class II bike lane (on-street painted lane) on Bloomfield Avenue, between Alondra Boulevard and 166th Street, approximately 0.7 miles east of the site. The Bicycle Master Plan recommends implementing a comprehensive network throughout the City, including proposed facilities on Alondra Boulevard, Pioneer Boulevard, 166th Street, and Norwalk Boulevard near the project site. The recommended facilities are shown on Figure 7, City of Norwalk Planned Bikeways.

The City is well served by sidewalks, with relatively few gaps in the sidewalk network. Sidewalks are present along most of the roads within the vicinity of the site.

Impact Analysis

The project entails constructing and operating a stormwater capture, treatment, and infiltration facility within the northern portion of Hermosillo Park, as well as implementing a comprehensive park rehabilitation project to replace existing park features with improved amenities that will be similar in nature to the existing features.

Construction

The project would result in a temporary, short-term increase in traffic during construction. This includes construction workers arriving to and from the project site and the delivery of large construction equipment and hauling trips to the site as needed. The total duration of project construction is anticipated to be 24 months, with some phases overlapping. Typical construction work hours would be Monday through Friday, 7:00 a.m. to 7:00 p.m. Night work is not anticipated. Table 3.17-1 details the potential daily and peak hour trip estimates during the peak construction phase, which is assumed to occur during the reservoir excavation phase. As shown in Table 3.17-1, the project would generate 70 daily trips, 17 AM peak hour trips, and 17 PM peak hour trips during the peak construction period. This is equivalent to 166 daily

passenger car equivalent trips, 30 AM peak hour passenger car equivalent trips and 30 PM peak hour passenger car equivalent trips.

Table 3.17-1. Project Trip Generation (Peak Construction)

Vehicle Type	Daily Trips	AM Peak Hour			PM Peak Hour		
		In	Out	Total	In	Out	Total
Trip Generation							
Workforce Trips[1]	20	10	0	10	0	10	10
Vendor Trucks[2]	4	1	0	1	0	1	1
Heavy Haul Trucks[2]	46	6	0	6	0	6	6
Total	**70**	**17**	**0**	**17**	**0**	**17**	**17**
Trip Generation w/PCE							
Workers (1.0 PCE)	20	10	0	10	0	10	10
Vendor Trucks (2.0 PCE)[3]	8	2	0	2	0	2	2
Haul Trucks (3.0 PCE)[3]	138	18	0	18	0	18	18
Total (w/PCE)	**166**	**30**	**0**	**30**	**0**	**30**	**30**

Notes: PCE = passenger car equivalence.

1 Conservatively assumes all construction workers arrive in the AM peak hour and depart the site in the PM peak hour.

2 Vendor and Haul trucks are assumed to arrive and depart the site evenly throughout the workday.

3 Vendor trucks were estimated to have an approximately 2.0 PCE adjusted value, while haul trucks were estimated to have an approximately 3.0 PCE adjusted value.

Regional access to the park is provided from Interstate (I) 605, which is approximately 1.5 miles to the west; I-5, which is approximately 1.5 miles northeast of the site; and SR-91, which is approximately 0.5 miles to the south. The City has an existing truck route system in order to accommodate truck traffic and encourage trucks to use roadways where their impacts on residential and congested areas will be minimal. The existing designated truck routes are presented in Figure 8. The truck routes near the site include the entire length of Alondra Boulevard, which provides direct access to I-605; the entire length of Pioneer Boulevard within the City limits, which provides access to I-5 via Imperial Highway (also a designated truck route); and Norwalk Boulevard between Alondra Boulevard on the north and 166th Street on the south (SCAG 2022). South of 166th Street, within the City of Cerritos, southbound Norwalk Boulevard is a designated truck route between 166th Street and Artesia Boulevard, with direct access to SR-91. Due to the nominal and temporary increase in construction traffic (approximately 30 trips during each peak hour), any effect on the operations of roadways or the overall circulation system along these roads would be minimal.

Local construction access would be provided from the south along 162nd Street. Temporary equipment staging and construction trailers would be established within the existing park boundary, with no additional off-site staging anticipated to be needed. Construction would require temporary work in Algardi Street and Horst Avenue, including pavement removal, trench excavation, pipe and vault installation, and pavement resurfacing. Portions of traffic lanes would be closed during construction. No full road closures are anticipated, and access to residential driveways would be maintained at all times. Once construction traffic exits 162nd Street, the construction related truck traffic will have direct access to the freeways noted above, via the City's designated truck routes.

To minimize potential impacts during construction, the project would implement a traffic control plan to be prepared by the contractor and approved by the City Engineer. The traffic control plan would include measures such as identifying the proposed truck routes, minimizing and/or avoiding truck travel during peak hours, using flaggers for local site access, and other measures. All lane closures would be performed pursuant to the traffic control plan. With implementation of the traffic control plan, the potential impact to residential neighborhoods would be minimized and there would be no changes that would affect the safety and accessibility of the transportation system. The park would be closed for the duration of construction; therefore, the existing pedestrian facilities within the park would be closed. The nearest bicycle facility to the project site is a Class II bike lane on Bloomfield Avenue, between Alondra Boulevard and 166th Street, approximately 0.7 miles east of the site. The nearest bus stop is provided on Norwalk Boulevard and 161st Street, approximately 0.2 miles east of the project site. The temporary and minimal increase in construction related traffic would not interfere with existing public transit, bicycle, or pedestrian facilities. Impacts would be less than significant.

Operations

Once construction is complete, project operation is anticipated to entail routine maintenance performed by the City at the stormwater capture facility and other park features. The proposed park rehabilitation would replace all existing amenities at Hermosillo Park with improved features that would allow for similar active and passive recreation uses as under existing conditions, but with an enhanced experience for park users. The project would remove and replace the two existing multi-use grass fields with new field surfaces (either new grass or artificial turf, subject to final project design). The City intends to make the fields available for organized recreational league play, with periods of open availability to the general public. Each field would accommodate either a single soccer field layout for adult and older youth league play or two smaller fields for younger youth league play. The project would remove the existing outdoor full-court basketball court and replace it with one full-court and one half-court basketball court. The existing four-court handball structure would be replaced with a new three-court structure. The amphitheater and outdoor community event space would be replaced by a similar feature and relocated to the existing grass field area east of the existing fountain, which would be demolished and removed. The existing 3,100 square-foot community center would be demolished and reconstructed with a new 8,500 square foot building. The building would include a multipurpose room for community event rentals and City public programs, a Recreation and Park Services Department staff office space, a new police substation, a storage room, and a restroom. The park office would house one staff member and the police substation would house two staff members. The estimated occupancy of the new building would be 208 people, an increase from the existing building's capacity of 80. Public use of the community center would be similar to that of the existing building. The expanded parking lot is anticipated to accommodate the increase in park use and activity without causing greater reliance on street parking in the adjacent residential neighborhood.

Based on the proposed park improvements, the project is estimated to generate a net increase of 397 daily trips, 13 AM peak hour trips and 71 PM peak hour trips during a typical weekday. During a typical Saturday, park use is expected to increase, and the project is estimated to generate a net increase of 1,502 daily trips and 140 peak hour trips. The estimated weekday project trip generation is presented in Table 3.17-2 and the estimated Saturday project trip generation is presented in Table 3.17-3.

Table 3.17-2. Weekday Project Trip Generation (Operations)

Land Use	Units	Daily	AM Peak Hour			PM Peak Hour		
			In	Out	Total	In	Out	Total
Trip Rates[1]								
Public Park	per acre	0.78	0.01	0.01	0.02	0.06	0.05	0.11
Soccer Complex	per field	71.33	0.60	0.39	0.99	10.84	5.59	16.43
Community Center[2]	per TSF	28.82	1.26	0.65	1.91	1.18	1.33	2.50
Trip Generation								
Proposed Park								
Community Park	9 acres	7	0	0	0	1	0	1
Soccer Fields	4 fields	285	2	2	4	43	23	66
Community Center	8.5 TSF	245	11	5	16	10	11	21
Subtotal Proposed Uses		*537*	*13*	*7*	*20*	*54*	*34*	*88*
Existing Park								
Community Park	9 acres	7	0	0	0	1	0	1
Soccer Fields	0 fields	0	0	0	0	0	0	0
Community Center	3.1 TSF	89	4	2	6	4	4	8
Subtotal Existing Uses		*96*	*4*	*2*	*6*	*5*	*4*	*9*
Net New Trips (Proposed - Existing)		**441**	**9**	**5**	**14**	**49**	**30**	**79**
(10% Reduction for Project Location)[3]		*−44*	*−1*	*−1*	*−1*	*−5*	*−3*	*−8*
Net New Trips with Trip Reduction		**397**	**8**	**5**	**13**	**44**	**27**	**71**

Notes: TSF = thousand square feet.

1 Trip rates from ITE 2021.

2 A recreational community center is described as a stand-alone public facility similar to a YMCA. These facilities often include classes, a day care, meeting rooms, swimming pools, tennis, basketball courts, athletic fields, and a restaurant or snack bar. Therefore, this rate is considered conservative compared with what is being proposed at the park. It is also assumed that the trips associated with the racquetball and basketball courts are captured in this rate. Therefore, the trips for these land uses are not calculated separately.

3 A 10% trip reduction factor is applied to capture the potential park users who will walk or bike to the site.

Table 3.17-3. Saturday Project Trip Generation (Operations)

Land Use	Units	Daily	Saturday Peak Hour		
			In	Out	Total
Trip Rates[1]					
Public Park	per acre	1.96	0.15	0.13	0.28
Soccer Complex	per field	404.88	17.99	19.49	37.48
Community Center[2]	per TSF	9.10	0.58	0.49	1.07
Trip Generation					
Proposed Park					
Community Park	9 acres	18	1	2	3
Soccer Fields	4 fields	1,620	72	78	150

Table 3.17-3. Saturday Project Trip Generation (Operations)

Land Use	Units	Daily	Saturday Peak Hour		
			In	Out	Total
Community Center	8.5 TSF	77	5	4	9
Subtotal Proposed Uses		*1,715*	*78*	*84*	*162*
Existing Park					
Community Park	9 acres	18	1	2	3
Soccer Fields	0 fields	0	0	0	0
Community Center	3.1 TSF	28	2	1	3
Subtotal Existing Uses		*46*	*3*	*3*	*6*
Net New Trips (Proposed - Existing)		**1,669**	**75**	**81**	**156**
(10% Reduction for Project Location)[3]		*−167*	*−8*	*−8*	*−16*
Net New Trips with Trip Reduction		**1,502**	**68**	**73**	**140**

Notes: TSF = thousand square feet.

1 Trip rates from ITE 2021.

2 A recreational community center is described as a stand-alone public facility similar to a YMCA. These facilities often include classes, a day care, meeting rooms, swimming pools, tennis, basketball courts, athletic fields, and a restaurant or snack bar. Therefore, this rate is considered conservative compared with what is being proposed at the park. It is also assumed that the trips associated with the racquetball and basketball courts are captured in this rate. Therefore, the trips for these land uses are not calculated separately.

3 A 10% trip reduction factor is applied to capture the potential park users who will walk or bike to the site.

Hermosillo Park is served by multiple existing roads, including Alondra Boulevard, Norwalk Boulevard, Pioneer Boulevard, 162nd Street, and numerous local residential streets surrounding the site. Park users would also be served by the existing transit and pedestrian facilities near the site. On the park's eastern and western sides, Algardi Street and 161st Street feature cul de sacs that abut the park, with gates providing pedestrian access but no vehicle access. Similar pedestrian access is available from a Cobos Street cul de sac on the park's northern side. The existing perimeter walking path would be replaced in place, maintaining the pedestrian access points from the north, west, and east sides. All pedestrian areas within the project site would meet Americans with Disabilities Act requirements and adhere to City design guidelines.

The project would not include site improvements that would extend into the public right-of-way or interfere with the existing roadway network, public transit, bicycle, or pedestrian facilities or impede the construction of new or the expansion of existing facilities in the future. Bicyclist and pedestrian safety would be maintained at existing levels in the area. The project would also not severely delay, impact, or reduce the service level of transit in the area.

Therefore, the proposed project would not conflict with the circulation policies within the City's General Plan or the City's Bicycle Master Plan, including the City's ability to provide a network of regional transportation facilities that ensure the safe and efficient movement of people and goods; an efficient public transportation system that provides mobility to all City residents, employees, and visitors; an efficient bicycle and pedestrian circulation system that encourages these alternative forms of transportation; and the ability to ensure that development of Class II bike lanes provides for the safe and efficient travel of both bicycles and vehicular traffic. Impacts would be less than significant.

b) Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?

Less-than-Significant Impact. CEQA Guidelines Section 15064.3(b) focuses on VMT for determining the significance of transportation impacts. It is further divided into four subdivisions: (1) land use projects, (2) transportation projects, (3) qualitative analysis, and (4) methodology. The updated CEQA Guidelines state that "generally, VMT is the most appropriate measure of transportation impacts," and define VMT as "the amount and distance of automobile travel attributable to a project" (14 CCR 15064.3[a]). "Automobile" refers to on-road passenger vehicles, specifically cars and light trucks. The Governor's Office of Planning and Research has clarified in its Technical Advisory (OPR 2018) that heavy-duty truck VMT is not required to be included in the estimation of a project's VMT.

Construction

The project is not a land use or transportation project; the project would not result in a major expansion of Hermosillo Park. Therefore, neither Section 15064.3(b)(1) nor Section 15064.3(b)(2) of the CEQA Guidelines apply. Instead, the project would be categorized under Section 15064.3(b)(3), suitable for qualitative analysis and not subject to a quantitative threshold.

The project would involve construction that would generate temporary construction-related traffic for approximately 24 months. Even though worker and vendor trips would generate VMT, once construction is completed, the construction-related traffic would cease, and traffic would return to pre-construction conditions. Measures to reduce the VMT generated by workers and trucks are limited, and there are no thresholds or significance criteria for temporary, construction-related VMT. The increase in VMT associated with the projects' construction is expected to be temporary and would therefore not cause a significant VMT impact.

Operations

Once construction is complete, project operations are anticipated to entail routine maintenance activities at the stormwater capture facility performed by City staff. The proposed park improvements would result in a net increase in weekday and weekend trips, primarily due to the new soccer fields and larger community center. However, Hermosillo Park is an existing neighborhood park, and the intent of the project is to implement a park rehabilitation project to replace existing park features with improved amenities that will be similar in nature to the existing features. While the proposed project would broaden and update the recreational opportunities for the residents of Norwalk, the park would continue to serve the local community and is not anticipated to increase VMT. Local serving projects, such as the project, generally redistribute trips rather than creating new trips. By adding enhanced local recreational opportunities into the community and thereby improving proximity, local serving projects tend to shorten trips and reduce VMT. The County of Los Angeles Parkland Standard and Classifications define a neighborhood park as having 3–10 acres with a service area of 0.5 miles which is consistent with the characteristics of Hermosillo Park (County of Los Angeles 2017). The majority of patrons that will utilize these facilities are from the surrounding residential neighborhoods, and therefore not anticipated to increase VMT. Therefore, the project would have a less than significant impact on VMT and would not conflict or be inconsistent with CEQA Guidelines Sections 15064.3(b)(1) and 15064.3(b)(3).

c) Would the project substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

Construction

Less-than-Significant Impact. Access (ingress and egress) for construction-related traffic (workers and trucks) to the site would be from 162nd Street. Construction would also require temporary work in Algardi Street and Horst Avenue and portions of traffic lanes would be closed. No full road closures are anticipated. The project would implement a traffic control plan to be prepared by the contractor and approved by the City Engineer. All lane closures would be performed pursuant to the traffic control Plan. With implementation of the traffic control plan, the potential impact to residential neighborhoods would be minimized and there would be no changes that would affect the safety and accessibility of the transportation system. All of Hermosillo Park is expected to be closed to the public for the duration of project construction, which would also minimize unnecessary vehicular, pedestrian, or bicycle traffic to the site. Therefore, impacts associated with hazardous design features or incompatible land uses would be less than significant.

Operations

Less-than-Significant Impact. Access to the site would be provided from existing City streets and from the existing park driveway on 162nd Street. A second access driveway on 162nd Street would also be constructed. There would be no changes to the existing off-site circulation on City roads. Access from the new driveway would be designed to City standards for sight distance and other safety concerns, similar to the existing access point. Therefore, the project would not substantially increase hazards due to a roadway design feature or introduce incompatible uses. Impacts would be less than significant.

d) Would the project result in inadequate emergency access?

Construction

Less-than-Significant Impact. The project site is located in an established, developed area with sufficient access for emergency service providers. Construction would require temporary work in Algardi Street and Horst Avenue, which would require closing portions of the travel lanes. However, construction activities would occur on the project site and no full road closures in the public right-of-way or driveway closures are anticipated that would impact adopted emergency access or response plans. As part of the traffic control plan, the contractor would follow standard construction practices and ensure that adequate on-site circulation and access is always maintained for all users, including coordinating with local emergency response providers (local police, fire, and medical dispatch) regarding proposed construction activities. As such, the project would have a less-than-significant impact related to emergency access.

Operations

Less-than-Significant Impact. As previously discussed, the project site is located in an established, developed area with sufficient access for emergency service providers. The project is constructing a secondary access to the park on 162 Street, which would provide additional access for emergency service providers if needed. No other changes to operational site access would occur as part of this project. As such, there would be no impacts to emergency access.

3.18 Tribal Cultural Resources

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XVIII. TRIBAL CULTURAL RESOURCES				
Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	☐	☐	☐	☐
b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1? In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☐	☐	☐

The evaluation of potential impacts to tribal cultural resources (TCRs) is based on the findings resulting from tribal consultation conducted by the City, as the lead agency, as well as the findings of Section 3.5, Cultural Resources, in this MND. Background research conducted to inform this analysis include a NAHC SLF search, archival research and CHRIS database records search, and the results of formal tribal consultation completed by the City pursuant to California AB 52.

Assembly Bill 52

AB 52 of 2014 amended PRC Section 5097.94 and added PRC Sections 21073, 21074, 21080.3.1, 21080.3.2, 21082.3, 21083.09, 21084.2, and 21084.3. AB 52 established that TCRs must be considered under CEQA and also provided for additional Native American consultation requirements for the lead agency. PRC Section 21074 describes a TCR as a site, feature, place, cultural landscape, sacred place, or object that is considered of cultural value to a California Native American Tribe. A TCR is either:

- On the CRHR or a local historic register
- Eligible for the CRHR or a local historic register
- A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of PRC Section 5024.1

AB 52 formalizes the lead agency–tribal consultation process, requiring the lead agency to initiate consultation with California Native American groups that are traditionally and culturally affiliated with the project area, including tribes that may not be federally recognized. Lead agencies are required to begin consultation prior to the release of a negative declaration, mitigated negative declaration, or environmental impact report by contacting those tribal groups who have previously provided formal written request for notification of projects under the agency's jurisdiction.

Section 1(a)(9) of AB 52 establishes that "a substantial adverse change to a tribal cultural resource has a significant effect on the environment." Effects on TCRs should be considered under CEQA. Section 6 of AB 52 adds Section 21080.3.2 to the PRC, which states that parties may propose mitigation measures "capable of avoiding or substantially lessening potential significant impacts to a tribal cultural resource or alternatives that would avoid significant impacts to a tribal cultural resource." Further, if a California Native American tribe requests consultation regarding project alternatives, mitigation measures, or significant effects to TCRs, the consultation shall include those topics (PRC Section 21080.3.2[a]). Finally, the environmental document on which the tribal consultation is focused, as well as the mitigation monitoring and reporting program (where applicable), developed in consideration of information provided by tribes during the formal consultation process, shall include any mitigation measures that are adopted (PRC Section 21082.3[a]).

The project is subject to compliance with AB 52 (PRC Section 21074), which requires consideration of impacts to TCRs as part of the CEQA process and that the lead agency notify California Native American tribal representatives (that have requested notification) who are traditionally or culturally affiliated with the geographic area of the proposed project. All NAHC-listed California Native American tribal representatives identified on the NAHC contact list were sent letters from the City on February 9, 2024, via U.S. Postal Service mailing. The notification letters contained a project description, outline of AB 52 timing, an invitation to consult, a project site plan, and contact information for the appropriate lead agency representative. Table 3.18-1 summarizes the results of the AB 52 and consultation efforts for the project thus far.

Table 3.18-1. Assembly Bill 52 Native American Tribal Outreach Results

Native American Tribal Representatives	Consultation Record
Christina Swindall Martinez, Secretary Gabrieleño Band of Mission Indians–Kizh Nation (Kizh Nation)	No response has been received to date.
Andrew Salas, Chairperson Gabrieleño Band of Mission Indians–Kizh Nation (Kizh Nation)	**February 20, 2024** Email from Mr. Salas to the City acknowledging receipt of AB 52 notification letter for the project and requesting a consultation. Consultation is ongoing
Anthony Morales, Chairperson Gabrieleno/Tongva San Gabriel Band of Mission Indians	No response has been received to date.
Sandonne Goad, Chairperson Gabrielino/Tongva Nation	No response has been received to date.
Robert Dorame, Chairperson Gabrielino Tongva Indians of California Tribal Council	No response has been received to date.

Table 3.18-1. Assembly Bill 52 Native American Tribal Outreach Results

Native American Tribal Representatives	Consultation Record
Christina Conley, Cultural Resource Administrator Gabrielino Tongva Indians of California Tribal Council	No response has been received to date.
Charles Alvarez, Chairperson Gabrielino/Tongva Tribe	No response has been received to date.
Sam Dunlap, Cultural Resource Director Gabrielino/Tongva Tribe	No response has been received to date.
Joyce Perry, Cultural Resource Director Juaneño Band of Mission Indians Acjachemen Nation - Belardes	No response has been received to date.
Heidi Lucero, Chairperson Juaneño Band of Mission Indians Acjachemen Nation 84A	No response has been received to date.
Lovina Redner, Tribal Chair Santa Rosa Band of Cahuilla Indians	No response has been received to date.
Joseph Ontiveros, Tribal Historic Preservation Officer Soboba Band of Luiseño Indians	No response has been received to date.
Jessica Valdez, Cultural Resource Specialist Soboba Band of Luiseño Indians	No response has been received to date.

Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

a) ***Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k)?***

As discussed in Section 3.5 of this MND, the SCCIC records search, NAHC SLF search, archival review, and pedestrian survey did not identify any cultural resources in the project site. A review of the historic aerials reveals that the project site has undergone ground disturbing activities from its past use as an agricultural/ranching area and its transition into a park in the 1980s (NETR 2024).

Under AB 52, TCRs are defined as resources that are determined eligible for or listed in the CRHR. The City reached out to the California Native American tribal representatives that have requested notification and are traditionally or culturally affiliated with the geographic area on February 9, 2024. A response was received from the Kizh Nation February 20, 2024, requesting AB 52 consultation for the project. AB 52 consultation is currently ongoing. [Pending results of AB52 consultation meetings.]

b) ***A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1? In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.***

[Pending results of AB52 consultation meetings.]

3.19 Utilities and Service Systems

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XIX. UTILITIES AND SERVICE SYSTEMS – Would the project:				
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☐	☐	☒	☐
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?	☐	☐	☒	☐
c) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	☐	☒
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	☒	☐
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☐	☒

a) ***Would the project require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?***

Less-than-Significant Impact. The project includes the construction of a stormwater capture and filtration facility and improvements to the existing Hermosillo Park. The proposed stormwater facility would intercept stormwater from the existing storm drain channel beneath the park and in Horst Avenue, where it would be

allowed to infiltrate into underlying soils or would be treated and discharged back into the storm drain channel. The proposed pump associated with the treatment facility would be electrically powered, thus requiring an additional connection to the electrical power that currently serve the park's lights and irrigation system. Connection to these existing distribution facilities would be sufficient for providing power to the project and would not require any other relocation or construction of electrical power facilities. The project would also require reconstruction of minor existing water infrastructure in the removal and replacement of the existing irrigation pipes and sprinkler heads. These minor improvements would be subject to engineering design to ensure adjacent facilities and users are not negatively affected. Any relocation of existing facilities would not be substantial enough to result in a significant impact pursuant to CEQA. Impacts would be less than significant.

b) Would the project have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?

Less-than-Significant Impact. Project construction would temporarily require a minor amount of water, primarily associated with site watering in compliance with SCAQMD Rule 403 to prevent, reduce, or mitigate fugitive dust emissions from construction activities. Once construction is complete, operational changes in water use would include the minor irrigation changes and the replacement community center building (which would contain modern water-efficient fixtures). Other existing components of the park that require water would not change their existing usage. As such, operation of the project would not demand additional water use. Therefore, impacts would be less than significant.

c) Would the project result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

No Impact. Construction and operation of the project would not generate wastewater demand. The proposed restroom would replace the existing facility. Therefore, no impacts would occur.

d) Would the project generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?

Less-than-Significant Impact. During construction, the project would generate solid waste such as residual wastes, plastics, and soils. Construction-generated solid waste would be temporary and would cease once construction is completed. Solid waste generated by project construction would be properly disposed of at designated landfill facilities for construction and demolition debris. Further, the City would comply with City Code of Ordinances Chapter 8.48 Article X, Waste Management Plan for Construction and Demolition, which requires covered projects to prepare and submit a waste management plan to the Waste Management Plan Compliance Office; noncovered projects must divert at least 65% of project-related construction and demolition debris. Operation of the project would not generate any substantial additional solid waste beyond current park conditions. In 2011, California AB 341 was passed, establishing a state goal to reduce, recycle, or compost no less than 75% of waste generated by the year 2020. Norwalk residents are asked to participate fully in the program by recycling all products that are recyclable (City of Norwalk 2024). As such, solid waste generated by the project would not exceed state or local standards or the capacity of local infrastructure. Impacts would be less than significant.

e) Would the project comply with federal, state, and local management and reduction statutes and regulations related to solid waste?

No Impact. As discussed in Section 3.19(d), construction-generated solid waste would be temporary, and operation of the project would not generate substantially more solid waste than existing conditions. Solid waste generated by the project construction would be disposed of at designated landfill facilities under federal, state, and local regulation. Additionally, the project would be required to adhere to City and county ordinances with respect to waste reduction and recycling. As a result, no impacts related to state and local statutes governing solid waste are anticipated.

3.20 Wildfire

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XX. WILDFIRE – If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	☒	☐
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	☒	☐
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☒	☐

a) Would the project substantially impair an adopted emergency response plan or emergency evacuation plan?

Less-than-Significant Impact. According to the California Department of Forestry and Fire Protection Fire Hazard Severity Zone Viewer, the project site is not located within a Very High Fire Hazard Severity Zone (CAL FIRE 2023). The City has prepared a Local Hazard Mitigation Plan. The hazard mitigation plan is a document that contains information reduce risks from disasters to the people, property, economy, and environment within the City (City of Norwalk 2022). Construction would require temporary work in Algardi Street and Horst Avenue, including pavement removal, trench excavation, pipe and vault installation, and pavement resurfacing. Portions of traffic lanes would be closed during construction. All road closure would

be performed pursuant to a traffic-control plan prepared by the contractor and approved by the City Engineer. Access to residential driveways would be maintained at all times. Traffic on Algardi Street and Horst Avenue would resume to existing conditions upon completion of the project. Impacts would be less than significant.

b) Due to slope, prevailing winds, and other factors, would the project exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?

Less-than-Significant Impact. Construction of the project would comply with Chapter 15.08 of the City's Municipal Code, which adopts the CFC by reference. Chapter 33 of the CFC outlines general fire safety precautions during construction and demolition that are intended to maintain minimum levels of fire protection and limit the spread of fire. The project would not include structures intended for long-term occupancy. Furthermore, the project site is relatively flat and would not influence prevailing winds or other factors that could exacerbate wildfire risk. As such, the project would not exacerbate wildfire risks such that project users would be exposed to pollutants concentrations. Impacts would be less than significant.

c) Would the project require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines, or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?

Less-than-Significant Impact. As discussed previously, the project overall would not exacerbate fire risk. Construction would comply with CFC requirements to manage and minimize fire risk during construction. Operation of the project would not contain potential sources for fire risk. As such, the project would not result in installation or maintenance of associated infrastructure that may exacerbate fire risk. Impacts would be less than significant.

d) Would the project expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?

Less-than-Significant Impact. For reasons described previously in Sections 3.9(g) and 3.20(a), (b), and (c), the project would not pose a substantial risk for wildfire. The project would be located on relatively flat land within Hermosillo Park. As such, implementation of the project would not expose people or structures to significant risks from post-fire slope instability or drainage changes. Impacts would be less than significant.

3.21 Mandatory Findings of Significance

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XXI. MANDATORY FINDINGS OF SIGNIFICANCE				
a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	☐	☒	☐	☐
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)	☐	☒	☐	☐
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☒	☐	☐

a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

Less-than-Significant Impact with Mitigation Incorporated**.** Potential impacts related to sensitive and special-status habitat, wildlife species, and plant species are discussed in Section 3.4, Biological Resources. As discussed in Section 3.4, all potentially significant impacts to biological resources would be reduced to a level below significance with incorporation of mitigation measures. The proposed project would not substantially degrade the quality of the environment or impact fish or wildlife species or plant communities. As discussed in Section 3.5, potential impacts to cultural resources would be reduced to a level below significance with incorporation of mitigation measures. The proposed project would not eliminate important examples of the major periods of California history or prehistory. Overall, impacts would be less than significant with incorporation of mitigation measures.

b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)

Less-than-Significant Impact with Mitigation Incorporated. As indicated in the analysis presented throughout Chapter 3, Initial Study Checklist, of this MND, the proposed project would not result in significant and unavoidable impacts in any issue area. Mitigation measures would reduce impacts to below a level of significance.

Cumulative projects in the City include the Alondra Maidstone Mixed Use Project, located at 11600 Alondro Boulevard, and The Views, a multi-family residential development project, located at 14807 Pioneer Boulevard, as well as various other small, capital improvement projects occurring in the vicinity such as XX. The project is not located in the immediate vicinity of any large cumulative projects whose construction phase would overlap to create cumulative impacts. The proposed project, as with potential cumulative projects, would incorporate mitigation measures to reduce impacts, as applicable, particularly during construction. Upon completion of construction, the proposed project would have no potential to contribute to a cumulative impact. Impacts would be less than significant with incorporation of mitigation measures.

c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

Less-than-Significant Impact with Mitigation Incorporated. The potential for adverse direct or indirect impacts to human beings was considered throughout Chapter 3 of this MND. Based on this evaluation, there is no substantial evidence that construction or operation of the project with the proposed mitigation measures incorporated would result in a substantial adverse effect on human beings. Impacts would be less than significant with incorporation of mitigation measures.

INTENTIONALLY LEFT BLANK

4 References and Preparers

4.1 References

CAL FIRE (California Department of Forestry and Fire Protection). 2023. "Fire Hazard Severity Zones in State Responsibility Area" [map]. September 29, 2023. https://calfire-forestry.maps.arcgis.com/apps/webappviewer/index.html?id=988d431a42b242b29d89597ab693d008.

California Department of Parks and Recreation. 2023. "Statewide Park Development and Community Revitalization Program." Accessed December 27, 2023. https://www.parks.ca.gov/?page_id=29939.

Caltrans (California Department of Transportation). 2020. *Transportation and Construction Vibration Guidance Manual*. April 2020. Accessed April 5, 2022. https://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/tcvgm-apr2020-a11y.pdf.

Caltrans. 2024. "California State Scenic Highway System Map." Accessed January 2024. https://caltrans.maps.arcgis.com/apps/webappviewer/index.html?id=465dfd3d807c46cc8e8057116f1aacaa.

CAPCOA (California Air Pollution Control Officers Association). 2008. *CEQA & Climate Change: Evaluating and Addressing Greenhouse Gas Emissions from Projects Subject to the California Environmental Quality Act*. January 2008. Accessed January 2023. http://www.capcoa.org/wp-content/uploads/2012/03/CAPCOA-White-Paper.pdf.

CAPCOA. 2022. *California Emissions Estimator Model (CalEEMod) User's Guide Version 2022.1*. April 2022. Accessed December 11, 2023, at http://www.caleemod.com/.

CARB (California Air Resources Board). 2017. *California's 2017 Climate Change Scoping Plan: The Strategy for Achieving California's 2030 Greenhouse Gas Target*. November 2017. Accessed December 20, 2023, at https://www.arb.ca.gov/cc/scopingplan/scoping_plan_2017.pdf.

CARB. 2022a. "Area Designation Maps/State and National." November 2022. Accessed December 11, 2023, at http://www.arb.ca.gov/desig/adm/adm.htm.

CARB. 2022b. *2022 Scoping Plan for Achieving Carbon Neutrality (2022 Scoping Plan).* December 2022. Accessed March 2024. https://ww2.arb.ca.gov/our-work/programs/ab-32-climate-change-scoping-plan/2022-scoping-plan-documents.

CEC (California Energy Commission). 2022. "2021 California Annual Retail Fuel Outlet Report Results." September 15. Accessed May 2023. https://www.energy.ca.gov/media/3874.

CEC. 2024a. "Electricity Consumption by County." Accessed February 2024 at http://www.ecdms.energy.ca.gov/elecbycounty.aspx.

CEC. 2024b. "Gas Consumption by County." Accessed February 2024 at http://www.ecdms.energy.ca.gov/gasbycounty.aspx.

City of Norwalk. 1996. *Vision Norwalk: The City of Norwalk General Plan*. February 29, 1996. https://www.norwalk.org/home/showpublisheddocument/20041/636561304601230000.

City of Norwalk. 2020. "General Plan Land Use Map." April 2020. https://www.norwalk.org/home/showpublisheddocument/23981/637236043927470000.

City of Norwalk. 2022. *Local Hazard Mitigation Plan*. February 2022. https://www.norwalk.org/home/showpublisheddocument/26724/637849437930330000.

City of Norwalk. 2023. "City of Norwalk Zoning Map." August 15, 2023. https://www.norwalk.org/home/showpublisheddocument/28541/638277082215900000.

City of Norwalk. 2024. Environmental & Recycling Services. Accessed March 2024. https://www.norwalk.org/residents/community-resources/environmental-recycling-services-1961

CNRA (California Natural Resources Agency). 2009. *Final Statement of Reasons for Regulatory Action: Amendments to the State CEQA Guidelines Addressing Analysis and Mitigation of Greenhouse Gas Emissions Pursuant to SB 97*. December 2009. Accessed December 20, 2023. http://resources.ca.gov/ceqa/docs/Final_Statement_of_Reasons.pdf.

County of Los Angeles. 2017. County of Los Angeles Park Design Guidelines and Standards. May 2017. Accessed March 2024. https://file.lacounty.gov/SDSInter/dpr/1029701_ParkDesignGuideline2017.pdf.

County of Los Angeles. 2020. *Los Angeles County Public Works Transportation Impact Analysis Guidelines*. July 23, 2020.

County of Los Angeles. 2023. "Safe Clean Water Program." Accessed December 14, 2023. https://safecleanwaterla.org/about/faq/.

DOC (California Department of Conservation). 2018. *Earthquake Fault Zones: A Guide for Government Agencies, Property Owners/Developers, and Geoscience Practitioners for Assessing Fault Rupture Hazards in California.* Accessed March 2024. https://www.conservation.ca.gov/cgs/documents/publications/special-publications/SP_042-a11y.pdf.

DOC. 2023. "California Important Farmland Finder." Accessed December 2023. https://maps.conservation.ca.gov/dlrp/ciff/.

DOC. 2024a. "EQ Zapp. Earthquake Zones of Required Investigation." Accessed March 2024. https://maps.conservation.ca.gov/cgs/EQZApp/app/.

DOC. 2024b. "California Tsunami Hazard Area" [map application]. Accessed February 2024. https://maps.conservation.ca.gov/cgs/informationwarehouse/ts_evacuation/.

DTSC (Department of Toxic Substances Control). 2024. "EnviroStor Database." Accessed January 2024. https://www.envirostor.dtsc.ca.gov/public/map/?myaddress=hermosillo+park.

EIA (U.S. Energy Information Administration). 2023. "California State Energy Profile." Accessed April 2023. https://www.eia.gov/state/print.php?sid=CA.

EPA (U.S. Environmental Protection Agency). 2022. "Region 9: Air Quality Analysis, EPA Region 9 Air Quality Maps and Geographic Information." Last updated December 2022. Accessed February 2023. https://www3.epa.gov/region9/air/maps/index.html.

FEMA (Federal Emergency Management Agency). 2008. "FEMA's National Flood Hazard Layer (NFHL) Viewer" [map]. Effective September 25, 2008. Accessed February 2024. https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.html?id=8b0adb51996444d4879338b5529aa9cd&extent=-118.08553080282306,33.880600787922155,-118.07057566366252,33.88701365263062.

FTA (Federal Transit Administration). 2018. *Transit Noise and Vibration Impact Assessment Manual*. FTA Report No. 0123. John A. Volpe National Transportation Systems Center. September 2018. Accessed April 5, 2022. https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/research-innovation/118131/transit-noise-and-vibration-impact-assessment-manual-fta-report-no-0123_0.pdf.

ITE (Institute of Transportation Engineers). 2021. *Trip Generation Manual*. 11th ed.

IPCC (Intergovernmental Panel on Climate Change). 2007. *Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change*. Edited by S. Solomon, D. Qin, M. Manning, Z. Chen, M. Marquis, K.B. Averyt, M. Tignor and H.L. Miller. Cambridge, United Kingdom, and New York, New York: Cambridge University Press. Accessed December 20, 2023. https://www.ipcc.ch/site/assets/uploads/2018/05/ar4_wg1_full_report-1.pdf.

Kittelson & Associates. 2022. *Norwalk Bicycle Master Plan*. February 2022.

Los Angeles RWQCB (Regional Water Quality Control Board). 2023. "Lower San Gabriel River Watershed Management Group." Accessed December 2023. https://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/san_gabriel/lower_sangabriel/index.html.

Miller and Corbaley. 1981. *Special Report 143: Part III: Mineral Land Classification of the Greater Los Angeles Area: Classification of Sand and Gravel Resource Areas, Orange County-Temescal Valley Production-Consumption Region*.

Metro (Los Angeles County Metropolitan Transportation Authority). 2024. "Maps and Schedule, Route 128." https://cdn.beta.metro.net/wp-content/uploads/2023/06/11222244/128_TT_06-25-23.pdf.

NETR (Nationwide Environmental Title Research). 2024. Historic Aerials, online viewer. Accessed March 2024. https://www.historicaerials.com/viewer.

NTS (Norwalk Transit System). 2024. "Fares and Schedules." https://www.norwalk.org/city-hall/departments/norwalk-transit-system-nts/fares-schedules.

OEHHA (Office of Environmental Health Hazard Assessment). 2015. *Air Toxics Hot Spots Program Risk Assessment Guidelines Guidance Manual for Preparation of Health Risk Assessments*. February 2015. Accessed December 18, 2023. https://oehha.ca.gov/media/downloads/crnr/2015guidancemanual.pdf.

OPR (California Governor's Office of Planning and Research). 2018. *Technical Advisory on Evaluating Transportation Impacts in CEQA*. December 2018. Accessed November 2022. http://opr.ca.gov/docs/20190122-743_Technical_Advisory.pdf.

SCAG (Southern California Association of Governments). 2020. *Connect SoCal: The 2020-2045 Regional Transportation Plan/Sustainable Communities Strategy of the Southern California Association of Governments*. Adopted September 3, 2020. Accessed December 18, 2023. https://scag.ca.gov/sites/main/files/file-attachments/0903fconnectsocal-plan_0.pdf?1606001176.

SCAG. 2022. *Connect SoCal 2024. Local Data Exchange Process Data/Map Book: City of Norwalk*. May 2022.

SCAQMD (South Coast Air Quality Management District). 1993. *CEQA Air Quality Handbook*.

SCAQMD. 2003. *Final 2003 Air Quality Management Plan, Appendix V Modeling and Attainment Demonstrations*. August 2003. Accessed December 18, 2023. https://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2003-air-quality-management-plan/2003-aqmp-appendix-v.pdf?sfvrsn=2.

SCAQMD. 2008a. *Final Localized Significance Threshold Methodology*. Revised July 2008. Accessed January 2023. http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/final-lst-methodology-document.pdf.

SCAQMD. 2008b. *Interim CEQA GHG Significance Threshold for Stationary Sources, Rules and Plans*. December 5, 2008. Accessed January 2023. http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-(ghg)-ceqa-significance-thresholds/ghgboardsynopsis.pdf?sfvrsn=2.

SCAQMD. 2010. *Greenhouse Gas CEQA Significance Threshold Stakeholder Working Group Meeting #15*. September 28. Accessed January 2023. http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-(ghg)-ceqa-significance-thresholds/year-2008-2009/ghg-meeting-15/ghg-meeting-15-main-presentation.pdf?sfvrsn=2.

SCAQMD. 2022. *2022 Air Quality Management Plan*. Adopted December 2, 2022. Accessed December 18, 2023. http://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2022-air-quality-management-plan/final-2022-aqmp/final-2022-aqmp.pdf?sfvrsn=16.

SCAQMD. 2023. South Coast AQMD Air Quality Significance Thresholds. Revised March 2023. Accessed April 2023. https://www.aqmd.gov/docs/default-source/ceqa/handbook/south-coast-aqmd-air-quality-significance-thresholds.pdf?sfvrsn=25.

SCAQMD. 2024. *South Coast AQMD Modeling Guidance for AERMOD*. Accessed January 2024. http://www.aqmd.gov/home/air-quality/meteorological-data/modeling-guidance.

SCAQMD. n.d. *Fact Sheet for Applying CalEEMod to Localized Significance Thresholds*. Accessed February 2024. https://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/caleemod-guidance.pdf?sfvrsn=2.

SWRCB (State Water Resources Control Board). 2024. "GeoTracker Database." Accessed January 2024. https://geotracker.waterboards.ca.gov/map/?CMD=runreport&myaddress=hermosillo+park.

The Climate Registry. 2023. "Default Emission Factors." June 2023. Accessed December 18, 2023. https://theclimateregistry.org/wp-content/uploads/2023/06/2023-Default-Emission-Factors-Final-1.pdf.

U.S. Census Bureau. 2020. "Quick Facts, Norwalk city, California." Accessed January 2024. https://www.census.gov/quickfacts/fact/table/norwalkcitycalifornia/PST045222.

Watershed Group (Lower San Gabriel River Watershed Group). 2017. *Lower San Gabriel River Watershed Management Program*. Updated August 2017. https://www.waterboards.ca.gov/rwqcb4/water_issues/programs/stormwater/municipal/watershed_management/san_gabriel/lower_sangabriel/LSGRWMP2017update.pdf

4.2 List of Preparers

City of Norwalk

Mario Mera, Public Services Department
Run Chen P.E., PMP, Principal Civil Engineer, Public Services Department

Dudek

Alex Hardy, Senior Project Manager
Emily Seklecki, Deputy Project Manager
Tuesday Christopher, Environmental Planner
Matthew Morales, Air Quality Specialist
Roshanne Bakhtiary, Archaeologist
Monte Kim, Architectural Historian
Nick Segovia, Acoustician
Carson Wong, Acoustician
Lisa Valdez, Senior Transportation Specialist
Jason Greenstein, GIS Specialist
Hannah Wertheimer-Roberts, Technical Editor
Laura Reed, Formatting Specialist

INTENTIONALLY LEFT BLANK

Figure 1 Project Location

INTENTIONALLY LEFT BLANK

Figure 2 Project Site and Existing Features

INTENTIONALLY LEFT BLANK

Figure 3 Proposed Stormwater Capture and Treatment System

INTENTIONALLY LEFT BLANK

Figure 4 Proposed Park Improvements

INTENTIONALLY LEFT BLANK

Figure 5 Existing Transit Facilities

INTENTIONALLY LEFT BLANK

Figure 6 City of Norwalk Existing Bikeway Network

INTENTIONALLY LEFT BLANK

Figure 7 City of Norwalk Planned Bikeways

INTENTIONALLY LEFT BLANK

Figure 8 Designated Truck Routes

INTENTIONALLY LEFT BLANK

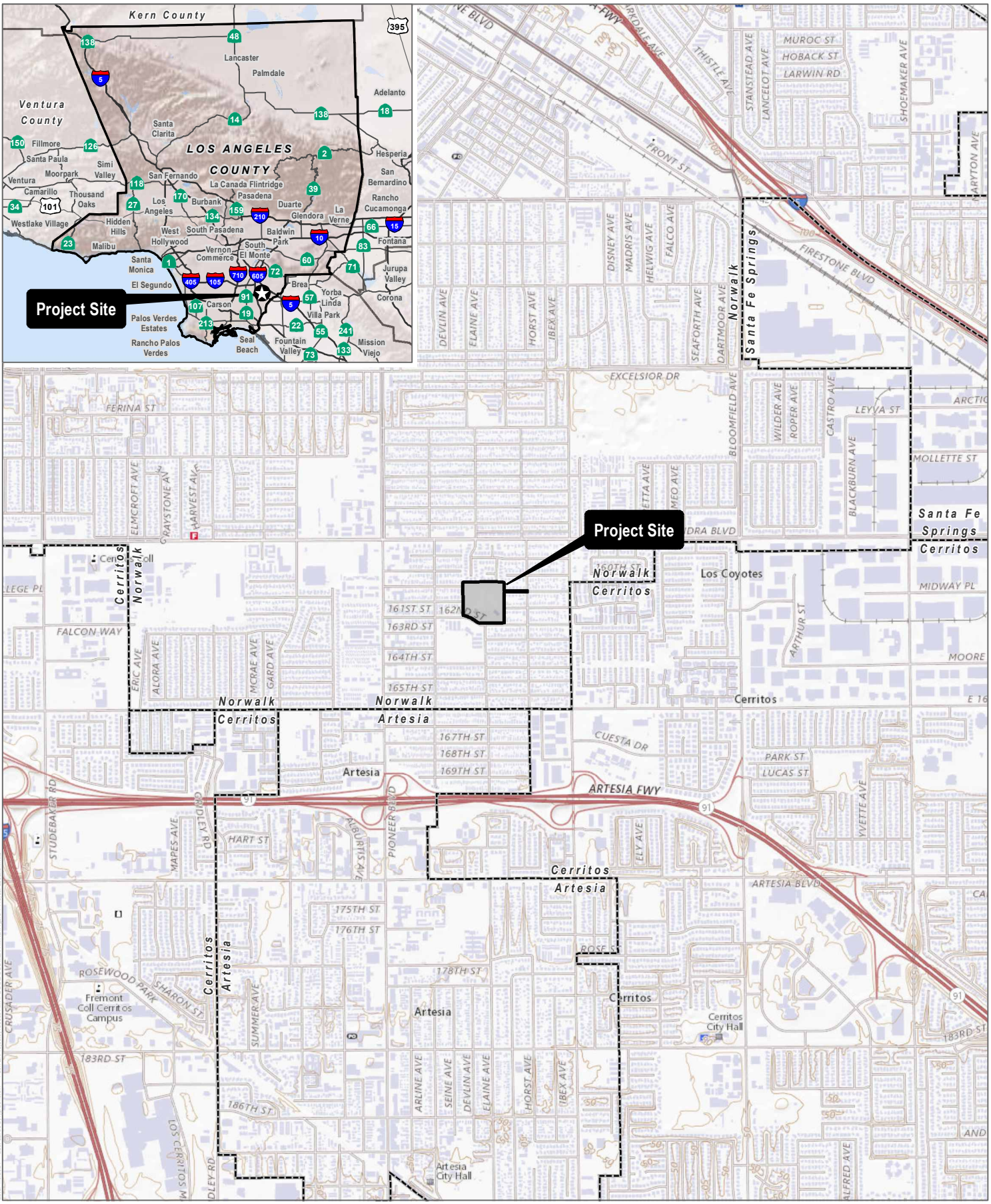
Appendix A
Air Quality and Greenhouse Gas Modeling

Appendix B
Biological Resources Due Diligence Report

Appendix C
Noise Modeling Data

Appendix D

Tribal Cultural Resources Consultation Materials (Confidential)



SOURCE: USGS National Map 2022

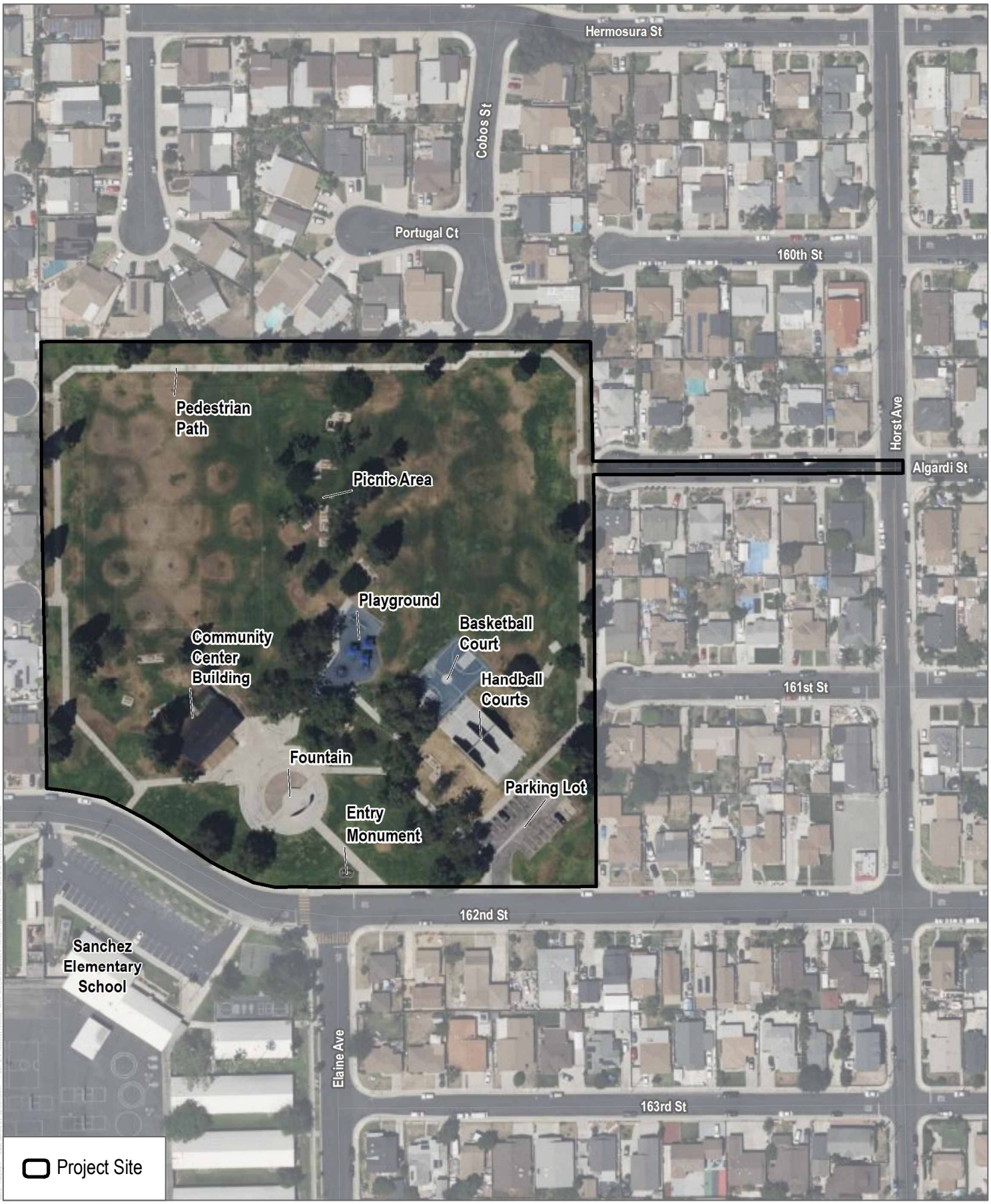
FIGURE 1

Project Location

Hermosillo Park Stormwater Capture and Park Rehabilitation Project

DUDEK

0 1,000 2,000 Feet



SOURCE: Bing Maps 2023; Open Street Map 2023

DUDEK

0 75 150 Feet

FIGURE 2

Project Site and Existing Features

Hermosillo Park Stormwater Capture and Park Rehabilitation Project

SOURCE: Bing Maps 2023; Open Street Map 2023; Craftwater Engineering Inc. 2012

DUDEK

0 75 150 Feet

FIGURE 3

Proposed Stormwater Capture and Treatment System

Hermosillo Park Stormwater Capture and Park Rehabilitation Project

LEGEND

KEY DESCRIPTION

1.0 PARK FEATURES

- 1.1 UPPER TERRACE FOR GROUP GATHERINGS & SPECTATORS
- 1.2 AMPHITHEATRE AND COMMUNITY EVENT SPACE
- 1.3 WALKING PATHS (LIGHTED)
- 1.4 SPLASH PAD
- 1.5 PICNIC TABLE
- 1.6 BIKE RACK
- 1.7 DRINKING FOUNTAIN
- 1.8 LITTER RECEPTACLE
- 1.9 ENTRY MONUMENT
- 1.10 TREE WELL
- 1.11 OUTDOOR PLAZA
- 1.12 GROUP BBQ FACILITIES

2.0 PLAYGROUND

- 2.1 EXISTING PLAY EQUIPMENT & PLAY SURFACING TO REMAIN
- 2.2 PORTION OF EXISTING PLAYGROUND TO ADJUSTED ACCOMMODATE SOCCER PITCH

3.0 FIELD SPORTS

- 3.1 SOCCER PITCH - 2 NATURAL TURF FIELDS (U19)
- 3.2 SOCCER PITCH (OVERLAY) - 4 FIELDS (U8)
- 3.3 30' HIGH SPORTS NETTING
- 3.4 SPORTS FIELD LIGHTING
- 3.5 CONCRETE BLEACHER SEATING

4.0 SPORT COURTS

- 4.1 BASKETBALL COURT (1 - FULL COURT & 1- 1/2 COURT)
- 4.2 HANDBALL COURTS (3- COURTS)

5.0 BUILDINGS & STRUCTURES

- 5.1 COMMUNITY CENTER (8500 SF)
  TOTAL ESTIMATED OCCUPANCY LOAD: 208 PEOPLE
  MULTI-PURPOSE ROOM: 3970 SF
  STAFF OFFICE SPACE: 280 SF
  POLICE SUB-STATION: 240 SF
  RESTROOM (MEN & WOMEN): 1225 SF
  STORAGE: 670 SF
- 5.2 SHADE CANOPY (3800 SF)
  (TENSILE FABRIC TYPE STRUCTURE)

6.0 PEDESTRIAN CIRCULATION

- 6.1 PAVED WALKWAYS (MINIMUM 8' WIDE)
- 6.2 EXERCISE PATH WITH TRAIL MARKERS - .4 MILE LOOP
- 6.3 EXISTING PERIMETER WALK TO REMAIN
- 6.4 PEDESTRIAN CROSSING

7.0 VEHICULAR CIRCULATION

- 7.1 EXPANDED PARKING LOT (NET GAIN: 135 SPACES)
- 7.2 EXISTING PARKING LOT ENTRY & EXIT TO REMAIN
- 7.3 NEW PARKING LOT ENTRY & EXIT

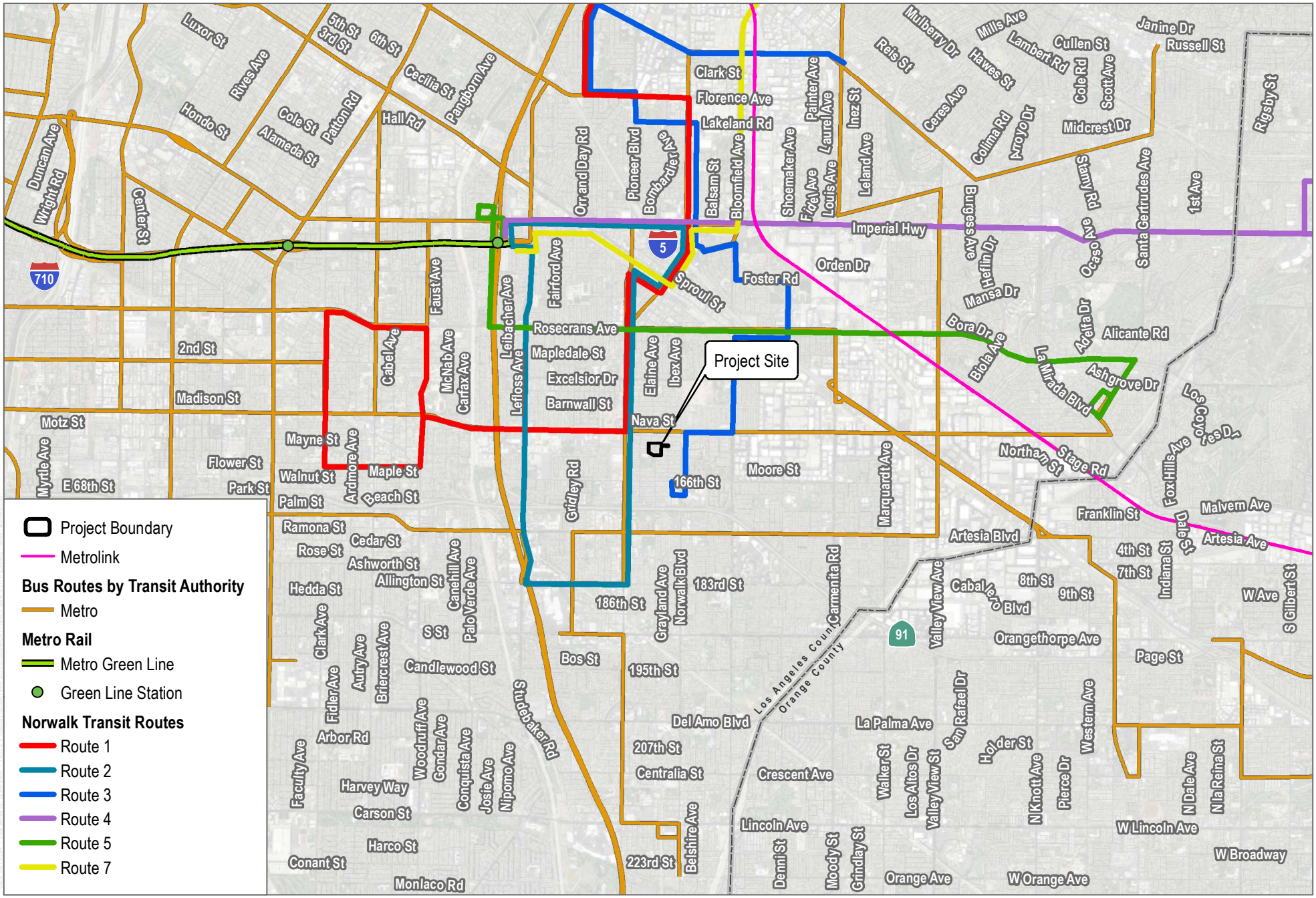
SOURCE: David Volz Design 2019

FIGURE 4

Proposed Park Improvements

Hermosillo Park Stormwater Capture and Park Rehabilitation Project

DUDEK



SOURCE: ESRI World Imagery; SCAG 2023; Open Street Map 2023; Norwalk Transit 2024

DUDEK

0 3,350 6,700 Feet

FIGURE 5

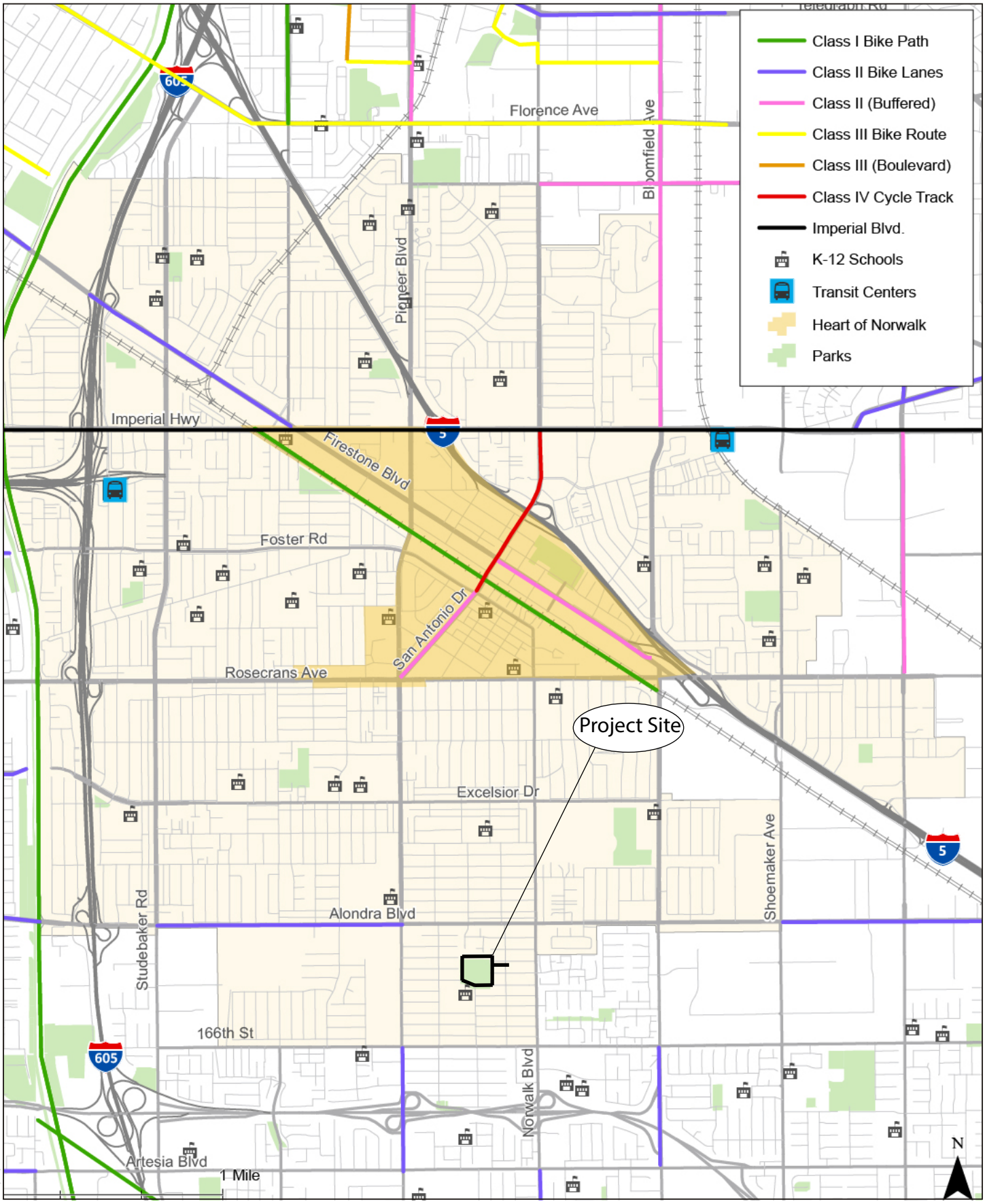
Existing Transit Facilities

Hermosillo Park Stormwater Capture and Park Rehabilitation Project

SOURCE: City of Norwalk 2022

Figure 6
City of Norwalk Existing Bikeway Network
Hermosillo Park Stormwater Capture and Park Rehabilitation Project

DUDEK



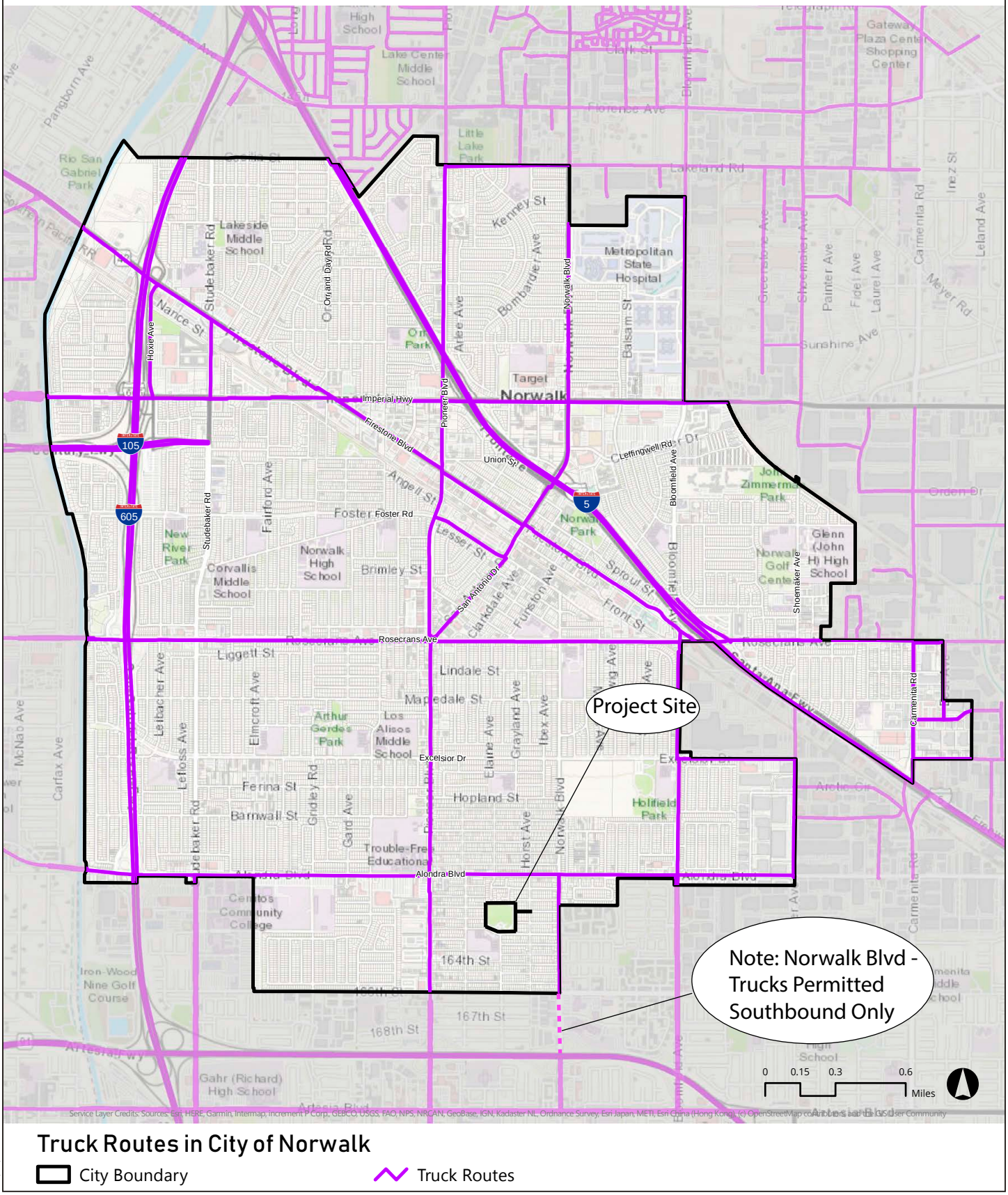
SOURCE: City of Norwalk 2022

FIGURE 7

City of Norwalk Planned Bikeways

Hermosillo Park Stormwater Capture and Park Rehabilitation Project

DUDEK



SOURCE: City of Norwalk 2022, SANDAG 2022

FIGURE 8
City Designated Truck Routes
Hermosillo Park Stormwater Capture and Park Rehabilitation Project

DUDEK

Table of Contents

Hermosillo Park Stormwater Capture Project Detailed Report		2
Hermosillo Park Stormwater Capture Project - Existing Conditions Detailed Report		120
Hermosillo Park Stormwater Capture Project - Construction HRA_LST - Unmitigated Detailed Report		169
Hermosillo Park Stormwater Capture Project - Construction HRA_LST - Mitigated Detailed Report		219
Energy Summary		305
1	Energy Summary	305
Hermosillo Park HRA Summary		306
1	HRA-Const	306
HARP2 Hermosillo Park Project Unmitigated Construction - Resident - Cancer Risk		307
1	HARP2 Hermosillo Park Project U	307
HARP2 Hermosillo Park Project Unmitigated Construction - Resident - Chronic Risk		332
1	HARP2 Hermosillo Park Project U	332
HARP2 Hermosillo Park Project Unmitigated Construction - School - Cancer Risk		356
1	HARP2 Hermosillo Park Project U	356
HARP2 Hermosillo Park Project Unmitigated Construction - School - Chronic Risk		358
1	HARP2 Hermosillo Park Project U	358
AERMOD Output Project Construction		360

Hermosillo Park Stormwater Capture Project Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.3. Construction Emissions by Year, Mitigated

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

3.2. Demolition (2024) - Mitigated

3.3. Site Preparation (2024) - Unmitigated

3.4. Site Preparation (2024) - Mitigated

3.5. Reservoir Excavation (2024) - Unmitigated

3.6. Reservoir Excavation (2024) - Mitigated

3.7. Reservoir Excavation (2025) - Unmitigated

3.8. Reservoir Excavation (2025) - Mitigated

3.9. Field Surface Replacement (2025) - Unmitigated

3.10. Field Surface Replacement (2025) - Mitigated

3.11. Reservoir Construction (2025) - Unmitigated

3.12. Reservoir Construction (2025) - Mitigated

3.13. Pipe/Diversion/Treatment Facility (2025) - Unmitigated

3.14. Pipe/Diversion/Treatment Facility (2025) - Mitigated

3.15. Upper Terrace/Bleacher Construction (2025) - Unmitigated

3.16. Upper Terrace/Bleacher Construction (2025) - Mitigated

3.17. Upper Terrace/Bleacher Construction (2026) - Unmitigated

3.18. Upper Terrace/Bleacher Construction (2026) - Mitigated

3.19. Community Center Construction (2026) - Unmitigated

3.20. Community Center Construction (2026) - Mitigated

3.21. Courts/Splash Pad/Amphitheater Construction (2026) - Unmitigated

3.22. Courts/Splash Pad/Amphitheater Construction (2026) - Mitigated

3.23. Concrete Pathway Construction (2026) - Unmitigated

3.24. Concrete Pathway Construction (2026) - Mitigated

3.25. Ancillary Park Improvements (2026) - Unmitigated

3.26. Ancillary Park Improvements (2026) - Mitigated

3.27. Parking Lots (2026) - Unmitigated

3.28. Parking Lots (2026) - Mitigated

3.29. Architectural Coating (2026) - Unmitigated

3.30. Architectural Coating (2026) - Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Hermosillo Park Stormwater Capture Project
Construction Start Date	8/15/2024
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	8.00
Location	11959 162nd St, Norwalk, CA 90650, USA
County	Los Angeles-South Coast
City	Norwalk
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4886
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.21

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description

City Park	6.00	Acre	6.00	0.00	261,360	261,360	—	—
Parking Lot	154	Space	1.39	0.00	0.00	—	—	—
Other Non-Asphalt Surfaces	131	1000sqft	1.41	0.00	0.00	—	—	—
General Office Building	8.50	1000sqft	0.20	8,500	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.44	6.92	36.2	34.4	0.06	1.60	7.94	9.54	1.47	4.00	5.48	—	8,086	8,086	0.37	0.57	8.80	8,273
Mit.	1.42	6.30	18.3	33.7	0.06	0.31	7.94	8.04	0.30	4.00	4.11	—	8,086	8,086	0.37	0.57	8.80	8,273
% Reduced	68%	9%	49%	2%	—	80%	—	16%	80%	—	25%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.44	6.92	36.2	34.2	0.06	1.60	7.94	9.54	1.47	4.00	5.48	—	8,137	8,137	0.37	0.59	0.23	8,321
Mit.	1.42	6.30	18.7	33.5	0.06	0.31	7.94	8.04	0.30	4.00	4.11	—	8,137	8,137	0.37	0.59	0.23	8,321

% Reduced	68%	9%	48%	2%	—	80%	—	16%	80%	—	25%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.14	1.76	17.3	16.9	0.03	0.70	1.60	2.30	0.65	0.72	1.34	—	3,986	3,986	0.17	0.16	1.12	4,041
Mit.	0.64	0.55	9.91	17.2	0.03	0.12	1.60	1.72	0.11	0.72	0.81	—	3,986	3,986	0.17	0.16	1.12	4,041
% Reduced	70%	69%	43%	-2%	—	83%	—	25%	82%	—	39%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.39	0.32	3.16	3.08	0.01	0.13	0.29	0.42	0.12	0.13	0.25	—	660	660	0.03	0.03	0.18	669
Mit.	0.12	0.10	1.81	3.14	0.01	0.02	0.29	0.31	0.02	0.13	0.15	—	660	660	0.03	0.03	0.18	669
% Reduced	70%	69%	43%	-2%	—	83%	—	25%	82%	—	39%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	4.44	3.73	36.2	34.4	0.05	1.60	7.94	9.54	1.47	4.00	5.48	—	5,679	5,679	0.23	0.07	1.35	5,707
2025	4.07	3.41	32.1	31.8	0.06	1.32	6.48	7.66	1.21	2.96	4.05	—	8,086	8,086	0.37	0.57	8.80	8,273
2026	1.53	6.92	11.9	12.8	0.03	0.42	0.29	0.67	0.39	0.07	0.43	—	3,158	3,158	0.13	0.05	1.33	3,176
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	4.44	3.73	36.2	34.2	0.06	1.60	7.94	9.54	1.47	4.00	5.48	—	8,137	8,137	0.37	0.59	0.23	8,321
2025	4.07	3.41	32.1	31.6	0.06	1.32	6.48	7.66	1.21	2.96	4.05	—	8,073	8,073	0.37	0.57	0.23	8,252
2026	1.53	6.92	11.9	12.6	0.03	0.42	0.19	0.61	0.39	0.05	0.43	—	3,150	3,150	0.13	0.05	0.02	3,167

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.08	0.90	8.85	8.18	0.01	0.38	1.53	1.91	0.35	0.72	1.07	—	1,545	1,545	0.07	0.05	0.36	1,562
2025	2.14	1.76	17.3	16.9	0.03	0.70	1.60	2.30	0.65	0.70	1.34	—	3,986	3,986	0.17	0.16	1.12	4,041
2026	0.37	0.62	2.88	3.23	0.01	0.11	0.05	0.16	0.10	0.01	0.11	—	783	783	0.03	0.01	0.11	788
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.20	0.16	1.62	1.49	< 0.005	0.07	0.28	0.35	0.06	0.13	0.20	—	256	256	0.01	0.01	0.06	259
2025	0.39	0.32	3.16	3.08	0.01	0.13	0.29	0.42	0.12	0.13	0.25	—	660	660	0.03	0.03	0.18	669
2026	0.07	0.11	0.52	0.59	< 0.005	0.02	0.01	0.03	0.02	< 0.005	0.02	—	130	130	0.01	< 0.005	0.02	130

2.3. Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.74	0.73	15.0	29.7	0.05	0.10	7.94	8.04	0.10	4.00	4.11	—	5,679	5,679	0.23	0.07	1.35	5,707
2025	1.42	1.27	18.3	33.7	0.06	0.31	6.48	6.65	0.30	2.96	3.12	—	8,086	8,086	0.37	0.57	8.80	8,273
2026	0.75	6.30	9.69	16.4	0.03	0.16	0.29	0.44	0.15	0.07	0.22	—	3,158	3,158	0.13	0.05	1.33	3,176
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.12	0.89	18.7	29.5	0.06	0.18	7.94	8.04	0.17	4.00	4.11	—	8,137	8,137	0.37	0.59	0.23	8,321
2025	1.42	1.27	18.5	33.5	0.06	0.31	6.48	6.65	0.30	2.96	3.12	—	8,073	8,073	0.37	0.57	0.23	8,252
2026	0.75	6.30	9.70	16.3	0.03	0.12	0.19	0.31	0.11	0.05	0.16	—	3,150	3,150	0.13	0.05	0.02	3,167
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.24	0.21	3.95	7.11	0.01	0.04	1.53	1.56	0.04	0.72	0.76	—	1,545	1,545	0.07	0.05	0.36	1,562
2025	0.64	0.55	9.91	17.2	0.03	0.12	1.60	1.72	0.11	0.70	0.81	—	3,986	3,986	0.17	0.16	1.12	4,041

2026	0.18	0.48	2.37	4.06	0.01	0.03	0.05	0.09	0.03	0.01	0.04	—	783	783	0.03	0.01	0.11	788
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.04	0.04	0.72	1.30	< 0.005	0.01	0.28	0.29	0.01	0.13	0.14	—	256	256	0.01	0.01	0.06	259
2025	0.12	0.10	1.81	3.14	0.01	0.02	0.29	0.31	0.02	0.13	0.15	—	660	660	0.03	0.03	0.18	669
2026	0.03	0.09	0.43	0.74	< 0.005	0.01	0.01	0.02	0.01	< 0.005	0.01	—	130	130	0.01	< 0.005	0.02	130

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.06	5.85	4.16	48.8	0.12	0.08	11.2	11.3	0.07	2.84	2.92	7.43	12,501	12,509	1.34	0.48	37.4	12,722
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.94	5.73	4.54	44.4	0.11	0.08	11.2	11.3	0.07	2.84	2.92	7.43	11,993	12,000	1.36	0.50	0.99	12,184
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.79	2.88	2.16	21.4	0.05	0.04	5.16	5.20	0.04	1.31	1.35	7.43	5,801	5,808	1.05	0.24	7.50	5,913
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.51	0.53	0.39	3.91	0.01	0.01	0.94	0.95	0.01	0.24	0.25	1.23	960	962	0.17	0.04	1.24	979

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	5.99	5.42	4.09	48.3	0.12	0.07	11.2	11.3	0.07	2.84	2.91	—	12,178	12,178	0.56	0.47	37.3	12,368
Area	0.07	0.43	< 0.005	0.37	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.52	1.52	< 0.005	< 0.005	—	1.53
Energy	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	263	263	0.02	< 0.005	—	264
Water	—	—	—	—	—	—	—	—	—	—	—	2.89	59.0	61.8	0.30	0.01	—	71.7
Waste	—	—	—	—	—	—	—	—	—	—	—	4.54	0.00	4.54	0.45	0.00	—	15.9
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	6.06	5.85	4.16	48.8	0.12	0.08	11.2	11.3	0.07	2.84	2.92	7.43	12,501	12,509	1.34	0.48	37.4	12,722
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	5.93	5.36	4.48	44.4	0.11	0.07	11.2	11.3	0.07	2.84	2.91	—	11,671	11,671	0.58	0.49	0.97	11,832
Area	—	0.37	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	263	263	0.02	< 0.005	—	264
Water	—	—	—	—	—	—	—	—	—	—	—	2.89	59.0	61.8	0.30	0.01	—	71.7
Waste	—	—	—	—	—	—	—	—	—	—	—	4.54	0.00	4.54	0.45	0.00	—	15.9
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	5.94	5.73	4.54	44.4	0.11	0.08	11.2	11.3	0.07	2.84	2.92	7.43	11,993	12,000	1.36	0.50	0.99	12,184
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.73	2.47	2.10	21.1	0.05	0.03	5.16	5.20	0.03	1.31	1.34	—	5,478	5,478	0.27	0.23	7.48	5,560
Area	0.05	0.41	< 0.005	0.25	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.04	1.04	< 0.005	< 0.005	—	1.04
Energy	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	263	263	0.02	< 0.005	—	264
Water	—	—	—	—	—	—	—	—	—	—	—	2.89	59.0	61.8	0.30	0.01	—	71.7
Waste	—	—	—	—	—	—	—	—	—	—	—	4.54	0.00	4.54	0.45	0.00	—	15.9
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	2.79	2.88	2.16	21.4	0.05	0.04	5.16	5.20	0.04	1.31	1.35	7.43	5,801	5,808	1.05	0.24	7.50	5,913

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.50	0.45	0.38	3.86	0.01	0.01	0.94	0.95	0.01	0.24	0.25	—	907	907	0.04	0.04	1.24	920
Area	0.01	0.08	< 0.005	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.17	0.17	< 0.005	< 0.005	—	0.17
Energy	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	43.5	43.5	< 0.005	< 0.005	—	43.8
Water	—	—	—	—	—	—	—	—	—	—	—	0.48	9.76	10.2	0.05	< 0.005	—	11.9
Waste	—	—	—	—	—	—	—	—	—	—	—	0.75	0.00	0.75	0.08	0.00	—	2.63
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.51	0.53	0.39	3.91	0.01	0.01	0.94	0.95	0.01	0.24	0.25	1.23	960	962	0.17	0.04	1.24	979

2.6. Operations Emissions by Sector, Mitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	5.99	5.42	4.09	48.3	0.12	0.07	11.2	11.3	0.07	2.84	2.91	—	12,178	12,178	0.56	0.47	37.3	12,368
Area	0.07	0.43	< 0.005	0.37	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.52	1.52	< 0.005	< 0.005	—	1.53
Energy	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	263	263	0.02	< 0.005	—	264
Water	—	—	—	—	—	—	—	—	—	—	—	2.89	59.0	61.8	0.30	0.01	—	71.7
Waste	—	—	—	—	—	—	—	—	—	—	—	4.54	0.00	4.54	0.45	0.00	—	15.9
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	6.06	5.85	4.16	48.8	0.12	0.08	11.2	11.3	0.07	2.84	2.92	7.43	12,501	12,509	1.34	0.48	37.4	12,722
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	5.93	5.36	4.48	44.4	0.11	0.07	11.2	11.3	0.07	2.84	2.91	—	11,671	11,671	0.58	0.49	0.97	11,832
Area	—	0.37	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	263	263	0.02	< 0.005	—	264
Water	—	—	—	—	—	—	—	—	—	—	—	2.89	59.0	61.8	0.30	0.01	—	71.7

Waste	—	—	—	—	—	—	—	—	—	—	—	4.54	0.00	4.54	0.45	0.00	—	15.9
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	5.94	5.73	4.54	44.4	0.11	0.08	11.2	11.3	0.07	2.84	2.92	7.43	11,993	12,000	1.36	0.50	0.99	12,184
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.73	2.47	2.10	21.1	0.05	0.03	5.16	5.20	0.03	1.31	1.34	—	5,478	5,478	0.27	0.23	7.48	5,560
Area	0.05	0.41	< 0.005	0.25	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.04	1.04	< 0.005	< 0.005	—	1.04
Energy	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	263	263	0.02	< 0.005	—	264
Water	—	—	—	—	—	—	—	—	—	—	—	2.89	59.0	61.8	0.30	0.01	—	71.7
Waste	—	—	—	—	—	—	—	—	—	—	—	4.54	0.00	4.54	0.45	0.00	—	15.9
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	2.79	2.88	2.16	21.4	0.05	0.04	5.16	5.20	0.04	1.31	1.35	7.43	5,801	5,808	1.05	0.24	7.50	5,913
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.50	0.45	0.38	3.86	0.01	0.01	0.94	0.95	0.01	0.24	0.25	—	907	907	0.04	0.04	1.24	920
Area	0.01	0.08	< 0.005	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.17	0.17	< 0.005	< 0.005	—	0.17
Energy	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	43.5	43.5	< 0.005	< 0.005	—	43.8
Water	—	—	—	—	—	—	—	—	—	—	—	0.48	9.76	10.2	0.05	< 0.005	—	11.9
Waste	—	—	—	—	—	—	—	—	—	—	—	0.75	0.00	0.75	0.08	0.00	—	2.63
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.51	0.53	0.39	3.91	0.01	0.01	0.94	0.95	0.01	0.24	0.25	1.23	960	962	0.17	0.04	1.24	979

3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.00	2.52	24.0	20.7	0.03	1.03	—	1.03	0.95	—	0.95	—	3,284	3,284	0.13	0.03	—	3,295
Demolition	—	—	—	—	—	—	0.83	0.83	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.21	2.04	1.76	< 0.005	0.09	—	0.09	0.08	—	0.08	—	279	279	0.01	< 0.005	—	280
Demolition	—	—	—	—	—	—	0.07	0.07	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.37	0.32	< 0.005	0.02	—	0.02	0.01	—	0.01	—	46.2	46.2	< 0.005	< 0.005	—	46.3
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.07	0.06	0.08	0.89	0.00	0.00	0.18	0.18	0.00	0.04	0.04	—	187	187	0.01	0.01	0.02	190
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.92	0.34	< 0.005	0.01	0.19	0.19	0.01	0.05	0.06	—	705	705	0.04	0.11	0.04	740
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.1	16.1	< 0.005	< 0.005	0.03	16.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.08	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	59.9	59.9	< 0.005	0.01	0.06	62.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.67	2.67	< 0.005	< 0.005	< 0.005	2.71
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.92	9.92	< 0.005	< 0.005	0.01	10.4

3.2. Demolition (2024) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.79	0.71	9.96	17.3	0.03	0.16	—	0.16	0.15	—	0.15	—	3,284	3,284	0.13	0.03	—	3,295
Demolition	—	—	—	—	—	—	0.83	0.83	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.85	1.47	< 0.005	0.01	—	0.01	0.01	—	0.01	—	279	279	0.01	< 0.005	—	280
Demolition	—	—	—	—	—	—	0.07	0.07	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.15	0.27	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	46.2	46.2	< 0.005	< 0.005	—	46.3
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.08	0.89	0.00	0.00	0.18	0.18	0.00	0.04	0.04	—	187	187	0.01	0.01	0.02	190
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.05	0.01	0.92	0.34	< 0.005	0.01	0.19	0.19	0.01	0.05	0.06	—	705	705	0.04	0.11	0.04	740
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.1	16.1	< 0.005	< 0.005	0.03	16.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.08	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	59.9	59.9	< 0.005	0.01	0.06	62.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.67	2.67	< 0.005	< 0.005	< 0.005	2.71

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.92	9.92	< 0.005	< 0.005	0.01	10.4

3.3. Site Preparation (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	3.65	36.0	32.9	0.05	1.60	—	1.60	1.47	—	1.47	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	3.65	36.0	32.9	0.05	1.60	—	1.60	1.47	—	1.47	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.61	0.51	5.02	4.60	0.01	0.22	—	0.22	0.21	—	0.21	—	740	740	0.03	0.01	—	742

Dust From Material Movement	—	—	—	—	—	—	1.07	1.07	—	0.55	0.55	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.92	0.84	< 0.005	0.04	—	0.04	0.04	—	0.04	—	123	123	< 0.005	< 0.005	—	123
Dust From Material Movement	—	—	—	—	—	—	0.20	0.20	—	0.10	0.10	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.09	1.36	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	254	254	0.01	0.01	1.00	258
Vendor	0.01	< 0.005	0.15	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	129	129	0.01	0.02	0.35	135
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.10	1.15	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	241	241	0.01	0.01	0.03	244
Vendor	0.01	< 0.005	0.16	0.08	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	129	129	0.01	0.02	0.01	135
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.17	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	34.2	34.2	< 0.005	< 0.005	0.06	34.6
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	18.0	18.0	< 0.005	< 0.005	0.02	18.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.65	5.65	< 0.005	< 0.005	0.01	5.73
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.99	2.99	< 0.005	< 0.005	< 0.005	3.11
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Site Preparation (2024) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.64	14.7	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.64	14.7	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.09	0.09	2.06	3.96	0.01	0.01	—	0.01	0.01	—	0.01	—	740	740	0.03	0.01	—	742
Dust From Material Movement	—	—	—	—	—	—	1.07	1.07	—	0.55	0.55	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.38	0.72	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	123	123	< 0.005	< 0.005	—	123
Dust From Material Movement	—	—	—	—	—	—	0.20	0.20	—	0.10	0.10	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.09	1.36	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	254	254	0.01	0.01	1.00	258
Vendor	0.01	< 0.005	0.15	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	129	129	0.01	0.02	0.35	135
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.10	1.15	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	241	241	0.01	0.01	0.03	244
Vendor	0.01	< 0.005	0.16	0.08	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	129	129	0.01	0.02	0.01	135
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.17	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	34.2	34.2	< 0.005	< 0.005	0.06	34.6

Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	18.0	18.0	< 0.005	< 0.005	0.02	18.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.65	5.65	< 0.005	< 0.005	0.01	5.73
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.99	2.99	< 0.005	< 0.005	< 0.005	3.11
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Reservoir Excavation (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.64	3.06	29.5	28.3	0.04	1.33	—	1.33	1.22	—	1.22	—	4,478	4,478	0.18	0.04	—	4,493
Dust From Material Movement	—	—	—	—	—	—	5.32	5.32	—	2.65	2.65	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.44	1.38	< 0.005	0.07	—	0.07	0.06	—	0.06	—	219	219	0.01	< 0.005	—	220

Dust From Material Movement	—	—	—	—	—	—	0.26	0.26	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.26	0.25	< 0.005	0.01	—	0.01	0.01	—	0.01	—	36.3	36.3	< 0.005	< 0.005	—	36.4
Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.11	1.28	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	268	268	0.01	0.01	0.03	271
Vendor	0.01	< 0.005	0.16	0.08	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	129	129	0.01	0.02	0.01	135
Hauling	0.24	0.07	4.23	1.57	0.02	0.04	0.86	0.90	0.04	0.23	0.28	—	3,262	3,262	0.18	0.52	0.19	3,422
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13.3	13.3	< 0.005	< 0.005	0.02	13.5
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.31	6.31	< 0.005	< 0.005	0.01	6.59
Hauling	0.01	< 0.005	0.21	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	160	160	0.01	0.03	0.16	168
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.20	2.20	< 0.005	< 0.005	< 0.005	2.23
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.05	1.05	< 0.005	< 0.005	< 0.005	1.09

Hauling	< 0.005	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	26.4	26.4	< 0.005	< 0.005	0.03	27.7

3.6. Reservoir Excavation (2024) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.73	14.2	25.5	0.04	0.14	—	0.14	0.13	—	0.13	—	4,478	4,478	0.18	0.04	—	4,493
Dust From Material Movement	—	—	—	—	—	—	5.32	5.32	—	2.65	2.65	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.70	1.25	< 0.005	0.01	—	0.01	0.01	—	0.01	—	219	219	0.01	< 0.005	—	220
Dust From Material Movement	—	—	—	—	—	—	0.26	0.26	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.13	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	36.3	36.3	< 0.005	< 0.005	—	36.4

Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.11	1.28	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	268	268	0.01	0.01	0.03	271
Vendor	0.01	< 0.005	0.16	0.08	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	129	129	0.01	0.02	0.01	135
Hauling	0.24	0.07	4.23	1.57	0.02	0.04	0.86	0.90	0.04	0.23	0.28	—	3,262	3,262	0.18	0.52	0.19	3,422
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13.3	13.3	< 0.005	< 0.005	0.02	13.5
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.31	6.31	< 0.005	< 0.005	0.01	6.59
Hauling	0.01	< 0.005	0.21	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	160	160	0.01	0.03	0.16	168
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.20	2.20	< 0.005	< 0.005	< 0.005	2.23
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.05	1.05	< 0.005	< 0.005	< 0.005	1.09
Hauling	< 0.005	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	26.4	26.4	< 0.005	< 0.005	0.03	27.7

3.7. Reservoir Excavation (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.33	2.80	26.2	26.4	0.04	1.15	—	1.15	1.05	—	1.05	—	4,479	4,479	0.18	0.04	—	4,494
Dust From Material Movement	—	—	—	—	—	—	5.32	5.32	—	2.65	2.65	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.33	2.80	26.2	26.4	0.04	1.15	—	1.15	1.05	—	1.05	—	4,479	4,479	0.18	0.04	—	4,494
Dust From Material Movement	—	—	—	—	—	—	5.32	5.32	—	2.65	2.65	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	0.64	5.94	6.00	0.01	0.26	—	0.26	0.24	—	0.24	—	1,017	1,017	0.04	0.01	—	1,020
Dust From Material Movement	—	—	—	—	—	—	1.21	1.21	—	0.60	0.60	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	1.08	1.10	< 0.005	0.05	—	0.05	0.04	—	0.04	—	168	168	0.01	< 0.005	—	169

Dust From Material Movement	—	—	—	—	—	—	0.22	0.22	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.09	1.39	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	277	277	0.01	0.01	1.01	281
Vendor	0.01	< 0.005	0.14	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	127	127	0.01	0.02	0.35	133
Hauling	0.25	0.05	3.93	1.53	0.02	0.04	0.86	0.90	0.04	0.23	0.28	—	3,204	3,204	0.17	0.50	7.44	3,366
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.10	1.18	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	262	262	0.01	0.01	0.03	265
Vendor	0.01	< 0.005	0.15	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	127	127	0.01	0.02	0.01	132
Hauling	0.24	0.05	4.09	1.55	0.02	0.04	0.86	0.90	0.04	0.23	0.28	—	3,205	3,205	0.17	0.50	0.19	3,360
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.28	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	60.4	60.4	< 0.005	< 0.005	0.10	61.2
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.8	28.8	< 0.005	< 0.005	0.03	30.1
Hauling	0.06	0.01	0.94	0.35	< 0.005	0.01	0.19	0.20	0.01	0.05	0.06	—	727	727	0.04	0.11	0.73	763
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.00	10.00	< 0.005	< 0.005	0.02	10.1
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.77	4.77	< 0.005	< 0.005	0.01	4.98
Hauling	0.01	< 0.005	0.17	0.06	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	120	120	0.01	0.02	0.12	126

3.8. Reservoir Excavation (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	0.72	14.2	25.5	0.04	0.13	—	0.13	0.13	—	0.13	—	4,479	4,479	0.18	0.04	—	4,494
Dust From Material Movement	—	—	—	—	—	—	5.32	5.32	—	2.65	2.65	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	0.72	14.2	25.5	0.04	0.13	—	0.13	0.13	—	0.13	—	4,479	4,479	0.18	0.04	—	4,494
Dust From Material Movement	—	—	—	—	—	—	5.32	5.32	—	2.65	2.65	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.16	3.22	5.80	0.01	0.03	—	0.03	0.03	—	0.03	—	1,017	1,017	0.04	0.01	—	1,020
Dust From Material Movement	—	—	—	—	—	—	1.21	1.21	—	0.60	0.60	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.59	1.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	168	168	0.01	< 0.005	—	169
Dust From Material Movement	—	—	—	—	—	—	0.22	0.22	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.09	1.39	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	277	277	0.01	0.01	1.01	281
Vendor	0.01	< 0.005	0.14	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	127	127	0.01	0.02	0.35	133
Hauling	0.25	0.05	3.93	1.53	0.02	0.04	0.86	0.90	0.04	0.23	0.28	—	3,204	3,204	0.17	0.50	7.44	3,366
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.10	1.18	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	262	262	0.01	0.01	0.03	265
Vendor	0.01	< 0.005	0.15	0.07	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	127	127	0.01	0.02	0.01	132
Hauling	0.24	0.05	4.09	1.55	0.02	0.04	0.86	0.90	0.04	0.23	0.28	—	3,205	3,205	0.17	0.50	0.19	3,360
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.28	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	60.4	60.4	< 0.005	< 0.005	0.10	61.2
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.8	28.8	< 0.005	< 0.005	0.03	30.1
Hauling	0.06	0.01	0.94	0.35	< 0.005	0.01	0.19	0.20	0.01	0.05	0.06	—	727	727	0.04	0.11	0.73	763
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.00	10.00	< 0.005	< 0.005	0.02	10.1
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.77	4.77	< 0.005	< 0.005	0.01	4.98
Hauling	0.01	< 0.005	0.17	0.06	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	120	120	0.01	0.02	0.12	126

3.9. Field Surface Replacement (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	0.64	6.13	8.98	0.01	0.28	—	0.28	0.26	—	0.26	—	1,394	1,394	0.06	0.01	—	1,399
Dust From Material Movement	—	—	—	—	—	—	0.21	0.21	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.52	0.76	< 0.005	0.02	—	0.02	0.02	—	0.02	—	118	118	< 0.005	< 0.005	—	119
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	19.6	19.6	< 0.005	< 0.005	—	19.7

Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.05	0.59	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	131	131	0.01	< 0.005	0.01	133
Vendor	< 0.005	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	63.5	63.5	< 0.005	0.01	< 0.005	66.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.3	11.3	< 0.005	< 0.005	0.02	11.4
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.39	5.39	< 0.005	< 0.005	0.01	5.63
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.87	1.87	< 0.005	< 0.005	< 0.005	1.90
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.89	0.89	< 0.005	< 0.005	< 0.005	0.93
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Field Surface Replacement (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.24	5.52	9.52	0.01	0.05	—	0.05	0.05	—	0.05	—	1,394	1,394	0.06	0.01	—	1,399
Dust From Material Movement	—	—	—	—	—	—	0.21	0.21	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.47	0.81	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	118	118	< 0.005	< 0.005	—	119
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.09	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	19.6	19.6	< 0.005	< 0.005	—	19.7
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.05	0.59	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	131	131	0.01	< 0.005	0.01	133
Vendor	< 0.005	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	63.5	63.5	< 0.005	0.01	< 0.005	66.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.3	11.3	< 0.005	< 0.005	0.02	11.4
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.39	5.39	< 0.005	< 0.005	0.01	5.63
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.87	1.87	< 0.005	< 0.005	< 0.005	1.90
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.89	0.89	< 0.005	< 0.005	< 0.005	0.93
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Reservoir Construction (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.89	2.43	23.5	21.2	0.04	1.00	—	1.00	0.92	—	0.92	—	4,236	4,236	0.17	0.03	—	4,250
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.89	2.43	23.5	21.2	0.04	1.00	—	1.00	0.92	—	0.92	—	4,236	4,236	0.17	0.03	—	4,250
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.99	0.83	8.06	7.25	0.01	0.34	—	0.34	0.31	—	0.31	—	1,451	1,451	0.06	0.01	—	1,456
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.47	1.32	< 0.005	0.06	—	0.06	0.06	—	0.06	—	240	240	0.01	< 0.005	—	241
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.70	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	138	138	0.01	< 0.005	0.51	140
Vendor	< 0.005	< 0.005	0.07	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	63.5	63.5	< 0.005	0.01	0.17	66.3
Hauling	0.01	< 0.005	0.17	0.07	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	139	139	0.01	0.02	0.32	146
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.05	0.59	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	131	131	0.01	< 0.005	0.01	133
Vendor	< 0.005	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	63.5	63.5	< 0.005	0.01	< 0.005	66.2
Hauling	0.01	< 0.005	0.18	0.07	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	139	139	0.01	0.02	0.01	145
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.02	0.01	0.02	0.21	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	45.5	45.5	< 0.005	< 0.005	0.07	46.2
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	21.7	21.7	< 0.005	< 0.005	0.03	22.7
Hauling	< 0.005	< 0.005	0.06	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	47.5	47.5	< 0.005	0.01	0.05	49.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.54	7.54	< 0.005	< 0.005	0.01	7.64
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.60	3.60	< 0.005	< 0.005	< 0.005	3.76
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.86	7.86	< 0.005	< 0.005	0.01	8.24

3.12. Reservoir Construction (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.58	0.55	10.8	21.4	0.04	0.12	—	0.12	0.12	—	0.12	—	4,236	4,236	0.17	0.03	—	4,250
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.58	0.55	10.8	21.4	0.04	0.12	—	0.12	0.12	—	0.12	—	4,236	4,236	0.17	0.03	—	4,250
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.19	3.71	7.31	0.01	0.04	—	0.04	0.04	—	0.04	—	1,451	1,451	0.06	0.01	—	1,456

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.68	1.33	< 0.005	0.01	—	0.01	0.01	—	0.01	—	240	240	0.01	< 0.005	—	241
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.70	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	138	138	0.01	< 0.005	0.51	140
Vendor	< 0.005	< 0.005	0.07	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	63.5	63.5	< 0.005	0.01	0.17	66.3
Hauling	0.01	< 0.005	0.17	0.07	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	139	139	0.01	0.02	0.32	146
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.05	0.59	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	131	131	0.01	< 0.005	0.01	133
Vendor	< 0.005	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	63.5	63.5	< 0.005	0.01	< 0.005	66.2
Hauling	0.01	< 0.005	0.18	0.07	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	139	139	0.01	0.02	0.01	145
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.21	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	45.5	45.5	< 0.005	< 0.005	0.07	46.2
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	21.7	21.7	< 0.005	< 0.005	0.03	22.7
Hauling	< 0.005	< 0.005	0.06	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	47.5	47.5	< 0.005	0.01	0.05	49.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.54	7.54	< 0.005	< 0.005	0.01	7.64
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.60	3.60	< 0.005	< 0.005	< 0.005	3.76
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.86	7.86	< 0.005	< 0.005	0.01	8.24

3.13. Pipe/Diversion/Treatment Facility (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.06	0.89	7.96	9.03	0.02	0.32	—	0.32	0.29	—	0.29	—	1,895	1,895	0.08	0.02	—	1,901
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.06	0.89	7.96	9.03	0.02	0.32	—	0.32	0.29	—	0.29	—	1,895	1,895	0.08	0.02	—	1,901
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.15	1.31	1.48	< 0.005	0.05	—	0.05	0.05	—	0.05	—	311	311	0.01	< 0.005	—	313
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.24	0.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	51.6	51.6	< 0.005	< 0.005	—	51.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.70	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	138	138	0.01	< 0.005	0.51	140
Vendor	< 0.005	< 0.005	0.07	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	63.5	63.5	< 0.005	0.01	0.17	66.3
Hauling	0.01	< 0.005	0.17	0.07	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	139	139	0.01	0.02	0.32	146
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.05	0.59	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	131	131	0.01	< 0.005	0.01	133
Vendor	< 0.005	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	63.5	63.5	< 0.005	0.01	< 0.005	66.2
Hauling	0.01	< 0.005	0.18	0.07	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	139	139	0.01	0.02	0.01	145
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	21.9	21.9	< 0.005	< 0.005	0.04	22.2
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.4	10.4	< 0.005	< 0.005	0.01	10.9
Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.8	22.8	< 0.005	< 0.005	0.02	23.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.62	3.62	< 0.005	< 0.005	0.01	3.67
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.73	1.73	< 0.005	< 0.005	< 0.005	1.80
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.77	3.77	< 0.005	< 0.005	< 0.005	3.96

3.14. Pipe/Diversion/Treatment Facility (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.72	0.62	6.72	10.8	0.02	0.19	—	0.19	0.17	—	0.17	—	1,895	1,895	0.08	0.02	—	1,901
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.72	0.62	6.72	10.8	0.02	0.19	—	0.19	0.17	—	0.17	—	1,895	1,895	0.08	0.02	—	1,901
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	1.10	1.77	< 0.005	0.03	—	0.03	0.03	—	0.03	—	311	311	0.01	< 0.005	—	313
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.20	0.32	< 0.005	0.01	—	0.01	0.01	—	0.01	—	51.6	51.6	< 0.005	< 0.005	—	51.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.70	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	138	138	0.01	< 0.005	0.51	140
Vendor	< 0.005	< 0.005	0.07	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	63.5	63.5	< 0.005	0.01	0.17	66.3
Hauling	0.01	< 0.005	0.17	0.07	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	139	139	0.01	0.02	0.32	146
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.05	0.59	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	131	131	0.01	< 0.005	0.01	133

Vendor	< 0.005	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	63.5	63.5	< 0.005	0.01	< 0.005	66.2
Hauling	0.01	< 0.005	0.18	0.07	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	139	139	0.01	0.02	0.01	145
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	21.9	21.9	< 0.005	< 0.005	0.04	22.2
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.4	10.4	< 0.005	< 0.005	0.01	10.9
Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	22.8	22.8	< 0.005	< 0.005	0.02	23.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.62	3.62	< 0.005	< 0.005	0.01	3.67
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.73	1.73	< 0.005	< 0.005	< 0.005	1.80
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.77	3.77	< 0.005	< 0.005	< 0.005	3.96

3.15. Upper Terrace/Bleacher Construction (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.65	0.55	5.54	5.26	0.01	0.21	—	0.21	0.19	—	0.19	—	1,347	1,347	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.33	0.31	< 0.005	0.01	—	0.01	0.01	—	0.01	—	79.1	79.1	< 0.005	< 0.005	—	79.3

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.1	13.1	< 0.005	< 0.005	—	13.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.24	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	52.4	52.4	< 0.005	< 0.005	0.01	53.1
Vendor	< 0.005	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	63.5	63.5	< 0.005	0.01	< 0.005	66.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.12	3.12	< 0.005	< 0.005	0.01	3.17
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.73	3.73	< 0.005	< 0.005	< 0.005	3.89
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.52	0.52	< 0.005	< 0.005	< 0.005	0.52
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.62	0.62	< 0.005	< 0.005	< 0.005	0.64
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Upper Terrace/Bleacher Construction (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.23	4.18	7.05	0.01	0.04	—	0.04	0.04	—	0.04	—	1,347	1,347	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.25	0.41	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79.1	79.1	< 0.005	< 0.005	—	79.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.1	13.1	< 0.005	< 0.005	—	13.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.24	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	52.4	52.4	< 0.005	< 0.005	0.01	53.1
Vendor	< 0.005	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	63.5	63.5	< 0.005	0.01	< 0.005	66.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.12	3.12	< 0.005	< 0.005	0.01	3.17
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.73	3.73	< 0.005	< 0.005	< 0.005	3.89
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.52	0.52	< 0.005	< 0.005	< 0.005	0.52
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.62	0.62	< 0.005	< 0.005	< 0.005	0.64
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Upper Terrace/Bleacher Construction (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.53	5.26	5.20	0.01	0.19	—	0.19	0.18	—	0.18	—	1,346	1,346	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.28	0.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	71.1	71.1	< 0.005	< 0.005	—	71.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.01	0.05	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.8	11.8	< 0.005	< 0.005	—	11.8
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.22	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	51.4	51.4	< 0.005	< 0.005	< 0.005	52.0
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	62.4	62.4	< 0.005	0.01	< 0.005	65.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.75	2.75	< 0.005	< 0.005	< 0.005	2.79
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.30	3.30	< 0.005	< 0.005	< 0.005	3.44
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.46	0.46	< 0.005	< 0.005	< 0.005	0.46
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.55	0.55	< 0.005	< 0.005	< 0.005	0.57
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.18. Upper Terrace/Bleacher Construction (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.23	4.18	7.05	0.01	0.04	—	0.04	0.04	—	0.04	—	1,346	1,346	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.22	0.37	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	71.1	71.1	< 0.005	< 0.005	—	71.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.8	11.8	< 0.005	< 0.005	—	11.8
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.22	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	51.4	51.4	< 0.005	< 0.005	< 0.005	52.0
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	62.4	62.4	< 0.005	0.01	< 0.005	65.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.75	2.75	< 0.005	< 0.005	< 0.005	2.79
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.30	3.30	< 0.005	< 0.005	< 0.005	3.44
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.46	0.46	< 0.005	< 0.005	< 0.005	0.46
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.55	0.55	< 0.005	< 0.005	< 0.005	0.57
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Community Center Construction (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.53	5.26	5.20	0.01	0.19	—	0.19	0.18	—	0.18	—	1,346	1,346	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.53	5.26	5.20	0.01	0.19	—	0.19	0.18	—	0.18	—	1,346	1,346	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.88	0.87	< 0.005	0.03	—	0.03	0.03	—	0.03	—	225	225	0.01	< 0.005	—	226

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	37.3	37.3	< 0.005	< 0.005	—	37.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.26	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	54.2	54.2	< 0.005	< 0.005	0.18	55.0
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	62.4	62.4	< 0.005	0.01	0.17	65.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.22	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	51.4	51.4	< 0.005	< 0.005	< 0.005	52.0
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	62.4	62.4	< 0.005	0.01	< 0.005	65.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.71	8.71	< 0.005	< 0.005	0.01	8.83
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.4	10.4	< 0.005	< 0.005	0.01	10.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.44	1.44	< 0.005	< 0.005	< 0.005	1.46
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.73	1.73	< 0.005	< 0.005	< 0.005	1.80
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.20. Community Center Construction (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.23	4.18	7.05	0.01	0.04	—	0.04	0.04	—	0.04	—	1,346	1,346	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.23	4.18	7.05	0.01	0.04	—	0.04	0.04	—	0.04	—	1,346	1,346	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.70	1.18	< 0.005	0.01	—	0.01	0.01	—	0.01	—	225	225	0.01	< 0.005	—	226
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.13	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	37.3	37.3	< 0.005	< 0.005	—	37.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.26	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	54.2	54.2	< 0.005	< 0.005	0.18	55.0
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	62.4	62.4	< 0.005	0.01	0.17	65.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.22	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	51.4	51.4	< 0.005	< 0.005	< 0.005	52.0
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	62.4	62.4	< 0.005	0.01	< 0.005	65.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.71	8.71	< 0.005	< 0.005	0.01	8.83
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.4	10.4	< 0.005	< 0.005	0.01	10.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.44	1.44	< 0.005	< 0.005	< 0.005	1.46
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.73	1.73	< 0.005	< 0.005	< 0.005	1.80
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.21. Courts/Splash Pad/Amphitheater Construction (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.64	0.53	5.26	5.20	0.01	0.19	—	0.19	0.18	—	0.18	—	1,346	1,346	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.53	5.26	5.20	0.01	0.19	—	0.19	0.18	—	0.18	—	1,346	1,346	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.59	0.58	< 0.005	0.02	—	0.02	0.02	—	0.02	—	151	151	0.01	< 0.005	—	152
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.11	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.0	25.0	< 0.005	< 0.005	—	25.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.26	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	54.2	54.2	< 0.005	< 0.005	0.18	55.0
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	62.4	62.4	< 0.005	0.01	0.17	65.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.22	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	51.4	51.4	< 0.005	< 0.005	< 0.005	52.0

Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	62.4	62.4	< 0.005	0.01	< 0.005	65.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.86	5.86	< 0.005	< 0.005	0.01	5.94
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.01	7.01	< 0.005	< 0.005	0.01	7.32
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.97	0.97	< 0.005	< 0.005	< 0.005	0.98
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.16	1.16	< 0.005	< 0.005	< 0.005	1.21
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.22. Courts/Splash Pad/Amphitheater Construction (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.23	4.18	7.05	0.01	0.04	—	0.04	0.04	—	0.04	—	1,346	1,346	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.23	4.18	7.05	0.01	0.04	—	0.04	0.04	—	0.04	—	1,346	1,346	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.47	0.79	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	151	151	0.01	< 0.005	—	152
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	< 0.005	0.09	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.0	25.0	< 0.005	< 0.005	—	25.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.26	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	54.2	54.2	< 0.005	< 0.005	0.18	55.0
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	62.4	62.4	< 0.005	0.01	0.17	65.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.22	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	51.4	51.4	< 0.005	< 0.005	< 0.005	52.0
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	62.4	62.4	< 0.005	0.01	< 0.005	65.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.86	5.86	< 0.005	< 0.005	0.01	5.94
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.01	7.01	< 0.005	< 0.005	0.01	7.32
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.97	0.97	< 0.005	< 0.005	< 0.005	0.98

Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.16	1.16	< 0.005	< 0.005	< 0.005	1.21
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.23. Concrete Pathway Construction (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.05	0.41	0.32	< 0.005	0.02	—	0.02	0.01	—	0.01	—	56.3	56.3	< 0.005	< 0.005	—	56.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.24	3.24	< 0.005	< 0.005	—	3.25
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.54	0.54	< 0.005	< 0.005	—	0.54
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.02	0.01	0.02	0.26	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	54.2	54.2	< 0.005	< 0.005	0.18	55.0
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	62.4	62.4	< 0.005	0.01	0.17	65.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.00	3.00	< 0.005	< 0.005	< 0.005	3.04
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.59	3.59	< 0.005	< 0.005	< 0.005	3.75
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.50	0.50	< 0.005	< 0.005	< 0.005	0.50
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.59	0.59	< 0.005	< 0.005	< 0.005	0.62
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.24. Concrete Pathway Construction (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.05	0.41	0.32	< 0.005	0.02	—	0.02	0.01	—	0.01	—	56.3	56.3	< 0.005	< 0.005	—	56.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.24	3.24	< 0.005	< 0.005	—	3.25
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.54	0.54	< 0.005	< 0.005	—	0.54
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.26	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	54.2	54.2	< 0.005	< 0.005	0.18	55.0
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	62.4	62.4	< 0.005	0.01	0.17	65.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.00	3.00	< 0.005	< 0.005	< 0.005	3.04
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.59	3.59	< 0.005	< 0.005	< 0.005	3.75
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.50	0.50	< 0.005	< 0.005	< 0.005	0.50
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.59	0.59	< 0.005	< 0.005	< 0.005	0.62
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.25. Ancillary Park Improvements (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.67	0.56	5.38	5.93	0.01	0.21	—	0.21	0.20	—	0.20	—	1,444	1,444	0.06	0.01	—	1,449
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.59	0.65	< 0.005	0.02	—	0.02	0.02	—	0.02	—	158	158	0.01	< 0.005	—	159
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.11	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	26.2	26.2	< 0.005	< 0.005	—	26.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.26	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	54.2	54.2	< 0.005	< 0.005	0.18	55.0
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	62.4	62.4	< 0.005	0.01	0.17	65.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.71	5.71	< 0.005	< 0.005	0.01	5.79
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.83	6.83	< 0.005	< 0.005	0.01	7.14
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.95	0.95	< 0.005	< 0.005	< 0.005	0.96
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.13	1.13	< 0.005	< 0.005	< 0.005	1.18
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.26. Ancillary Park Improvements (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	0.25	4.30	7.78	0.01	0.06	—	0.06	0.06	—	0.06	—	1,444	1,444	0.06	0.01	—	1,449
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.47	0.85	< 0.005	0.01	—	0.01	0.01	—	0.01	—	158	158	0.01	< 0.005	—	159

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	26.2	26.2	< 0.005	< 0.005	—	26.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.26	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	54.2	54.2	< 0.005	< 0.005	0.18	55.0
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	62.4	62.4	< 0.005	0.01	0.17	65.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.71	5.71	< 0.005	< 0.005	0.01	5.79
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.83	6.83	< 0.005	< 0.005	0.01	7.14
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.95	0.95	< 0.005	< 0.005	< 0.005	0.96
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.13	1.13	< 0.005	< 0.005	< 0.005	1.18
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.27. Parking Lots (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.44	0.37	3.48	4.76	0.01	0.15	—	0.15	0.14	—	0.14	—	736	736	0.03	0.01	—	739
Paving	—	0.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.39	0.53	< 0.005	0.02	—	0.02	0.02	—	0.02	—	82.7	82.7	< 0.005	< 0.005	—	83.0
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.7	13.7	< 0.005	< 0.005	—	13.7
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.65	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	135	135	0.01	< 0.005	0.46	137
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	62.4	62.4	< 0.005	0.01	0.17	65.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.6	14.6	< 0.005	< 0.005	0.02	14.8
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.01	7.01	< 0.005	< 0.005	0.01	7.32
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.42	2.42	< 0.005	< 0.005	< 0.005	2.46
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.16	1.16	< 0.005	< 0.005	< 0.005	1.21
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.28. Parking Lots (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.27	3.25	4.92	0.01	0.08	—	0.08	0.07	—	0.07	—	736	736	0.03	0.01	—	739
Paving	—	0.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.04	0.03	0.37	0.55	< 0.005	0.01	—	0.01	0.01	—	0.01	—	82.7	82.7	< 0.005	< 0.005	—	83.0
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.7	13.7	< 0.005	< 0.005	—	13.7
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.65	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	135	135	0.01	< 0.005	0.46	137
Vendor	< 0.005	< 0.005	0.07	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	62.4	62.4	< 0.005	0.01	0.17	65.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.6	14.6	< 0.005	< 0.005	0.02	14.8
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.01	7.01	< 0.005	< 0.005	0.01	7.32
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.42	2.42	< 0.005	< 0.005	< 0.005	2.46
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.16	1.16	< 0.005	< 0.005	< 0.005	1.21
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.29. Architectural Coating (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.14	1.51	< 0.005	0.03	—	0.03	0.03	—	0.03	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	5.64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.14	1.51	< 0.005	0.03	—	0.03	0.03	—	0.03	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	5.64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.75	9.75	< 0.005	< 0.005	—	9.79
Architectural Coatings	—	0.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.61	1.61	< 0.005	< 0.005	—	1.62
Architectural Coatings	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.26	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	54.2	54.2	< 0.005	< 0.005	0.18	55.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.22	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	51.4	51.4	< 0.005	< 0.005	< 0.005	52.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.86	2.86	< 0.005	< 0.005	< 0.005	2.90
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.47	0.47	< 0.005	< 0.005	< 0.005	0.48
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.30. Architectural Coating (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.14	1.51	< 0.005	0.03	—	0.03	0.03	—	0.03	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	5.64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.14	1.51	< 0.005	0.03	—	0.03	0.03	—	0.03	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	5.64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.75	9.75	< 0.005	< 0.005	—	9.79
Architectural Coatings	—	0.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.61	1.61	< 0.005	< 0.005	—	1.62
Architectural Coatings	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.26	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	54.2	54.2	< 0.005	< 0.005	0.18	55.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.02	0.22	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	51.4	51.4	< 0.005	< 0.005	< 0.005	52.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.86	2.86	< 0.005	< 0.005	< 0.005	2.90
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.47	0.47	< 0.005	< 0.005	< 0.005	0.48
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	5.21	4.71	3.56	42.1	0.10	0.06	9.73	9.80	0.06	2.47	2.53	—	10,593	10,593	0.48	0.41	32.5	10,759
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.78	0.71	0.53	6.29	0.02	0.01	1.46	1.47	0.01	0.37	0.38	—	1,584	1,584	0.07	0.06	4.86	1,609
Total	5.99	5.42	4.09	48.3	0.12	0.07	11.2	11.3	0.07	2.84	2.91	—	12,178	12,178	0.56	0.47	37.3	12,368
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	5.16	4.66	3.90	38.6	0.10	0.06	9.73	9.80	0.06	2.47	2.53	—	10,152	10,152	0.50	0.43	0.84	10,293
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.77	0.70	0.58	5.77	0.01	0.01	1.46	1.47	0.01	0.37	0.38	—	1,518	1,518	0.08	0.06	0.13	1,539

Total	5.93	5.36	4.48	44.4	0.11	0.07	11.2	11.3	0.07	2.84	2.91	—	11,671	11,671	0.58	0.49	0.97	11,832
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.39	0.35	0.30	2.99	0.01	< 0.005	0.73	0.73	< 0.005	0.19	0.19	—	702	702	0.03	0.03	0.96	713
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.11	0.10	0.09	0.87	< 0.005	< 0.005	0.21	0.21	< 0.005	0.05	0.06	—	205	205	0.01	0.01	0.28	208
Total	0.50	0.45	0.38	3.86	0.01	0.01	0.94	0.95	0.01	0.24	0.25	—	907	907	0.04	0.04	1.24	920

4.1.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	5.21	4.71	3.56	42.1	0.10	0.06	9.73	9.80	0.06	2.47	2.53	—	10,593	10,593	0.48	0.41	32.5	10,759
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.78	0.71	0.53	6.29	0.02	0.01	1.46	1.47	0.01	0.37	0.38	—	1,584	1,584	0.07	0.06	4.86	1,609
Total	5.99	5.42	4.09	48.3	0.12	0.07	11.2	11.3	0.07	2.84	2.91	—	12,178	12,178	0.56	0.47	37.3	12,368
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

City Park	5.16	4.66	3.90	38.6	0.10	0.06	9.73	9.80	0.06	2.47	2.53	—	10,152	10,152	0.50	0.43	0.84	10,293
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.77	0.70	0.58	5.77	0.01	0.01	1.46	1.47	0.01	0.37	0.38	—	1,518	1,518	0.08	0.06	0.13	1,539
Total	5.93	5.36	4.48	44.4	0.11	0.07	11.2	11.3	0.07	2.84	2.91	—	11,671	11,671	0.58	0.49	0.97	11,832
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.39	0.35	0.30	2.99	0.01	< 0.005	0.73	0.73	< 0.005	0.19	0.19	—	702	702	0.03	0.03	0.96	713
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.11	0.10	0.09	0.87	< 0.005	< 0.005	0.21	0.21	< 0.005	0.05	0.06	—	205	205	0.01	0.01	0.28	208
Total	0.50	0.45	0.38	3.86	0.01	0.01	0.94	0.95	0.01	0.24	0.25	—	907	907	0.04	0.04	1.24	920

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	50.3	50.3	< 0.005	< 0.005	—	50.6
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	144	144	0.01	< 0.005	—	145
Total	—	—	—	—	—	—	—	—	—	—	—	—	194	194	0.02	< 0.005	—	195
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	50.3	50.3	< 0.005	< 0.005	—	50.6
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	144	144	0.01	< 0.005	—	145
Total	—	—	—	—	—	—	—	—	—	—	—	—	194	194	0.02	< 0.005	—	195
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	8.33	8.33	< 0.005	< 0.005	—	8.38
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	23.8	23.8	< 0.005	< 0.005	—	23.9
Total	—	—	—	—	—	—	—	—	—	—	—	—	32.1	32.1	< 0.005	< 0.005	—	32.3

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	50.3	50.3	< 0.005	< 0.005	—	50.6
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	144	144	0.01	< 0.005	—	145
Total	—	—	—	—	—	—	—	—	—	—	—	—	194	194	0.02	< 0.005	—	195
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	50.3	50.3	< 0.005	< 0.005	—	50.6
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	144	144	0.01	< 0.005	—	145
Total	—	—	—	—	—	—	—	—	—	—	—	—	194	194	0.02	< 0.005	—	195
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	8.33	8.33	< 0.005	< 0.005	—	8.38
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	23.8	23.8	< 0.005	< 0.005	—	23.9
Total	—	—	—	—	—	—	—	—	—	—	—	—	32.1	32.1	< 0.005	< 0.005	—	32.3

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	69.0	69.0	0.01	< 0.005	—	69.2
Total	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	69.0	69.0	0.01	< 0.005	—	69.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	69.0	69.0	0.01	< 0.005	—	69.2
Total	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	69.0	69.0	0.01	< 0.005	—	69.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.4	11.4	< 0.005	< 0.005	—	11.5
Total	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.4	11.4	< 0.005	< 0.005	—	11.5

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

General Office Building	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	69.0	69.0	0.01	< 0.005	—	69.2
Total	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	69.0	69.0	0.01	< 0.005	—	69.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	69.0	69.0	0.01	< 0.005	—	69.2
Total	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	69.0	69.0	0.01	< 0.005	—	69.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.4	11.4	< 0.005	< 0.005	—	11.5
Total	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.4	11.4	< 0.005	< 0.005	—	11.5

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.07	0.06	< 0.005	0.37	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.52	1.52	< 0.005	< 0.005	—	1.53
Total	0.07	0.43	< 0.005	0.37	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.52	1.52	< 0.005	< 0.005	—	1.53
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	0.37	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.01	0.01	< 0.005	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.17	0.17	< 0.005	< 0.005	—	0.17

Total	0.01	0.08	< 0.005	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.17	0.17	< 0.005	< 0.005	—	0.17

4.3.2. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.07	0.06	< 0.005	0.37	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.52	1.52	< 0.005	< 0.005	—	1.53
Total	0.07	0.43	< 0.005	0.37	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.52	1.52	< 0.005	< 0.005	—	1.53
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	0.37	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.01	0.01	< 0.005	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.17	0.17	< 0.005	< 0.005	—	0.17
Total	0.01	0.08	< 0.005	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.17	0.17	< 0.005	< 0.005	—	0.17

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	49.2	49.2	< 0.005	< 0.005	—	49.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.89	9.75	12.6	0.30	0.01	—	22.2
Total	—	—	—	—	—	—	—	—	—	—	—	2.89	59.0	61.8	0.30	0.01	—	71.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	49.2	49.2	< 0.005	< 0.005	—	49.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.89	9.75	12.6	0.30	0.01	—	22.2
Total	—	—	—	—	—	—	—	—	—	—	—	2.89	59.0	61.8	0.30	0.01	—	71.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	8.15	8.15	< 0.005	< 0.005	—	8.19
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.48	1.61	2.09	0.05	< 0.005	—	3.68
Total	—	—	—	—	—	—	—	—	—	—	—	0.48	9.76	10.2	0.05	< 0.005	—	11.9

4.4.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	49.2	49.2	< 0.005	< 0.005	—	49.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.89	9.75	12.6	0.30	0.01	—	22.2
Total	—	—	—	—	—	—	—	—	—	—	—	2.89	59.0	61.8	0.30	0.01	—	71.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	49.2	49.2	< 0.005	< 0.005	—	49.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.89	9.75	12.6	0.30	0.01	—	22.2
Total	—	—	—	—	—	—	—	—	—	—	—	2.89	59.0	61.8	0.30	0.01	—	71.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	8.15	8.15	< 0.005	< 0.005	—	8.19
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.48	1.61	2.09	0.05	< 0.005	—	3.68
Total	—	—	—	—	—	—	—	—	—	—	—	0.48	9.76	10.2	0.05	< 0.005	—	11.9

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.28	0.00	0.28	0.03	0.00	—	0.97
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	4.26	0.00	4.26	0.43	0.00	—	14.9
Total	—	—	—	—	—	—	—	—	—	—	—	4.54	0.00	4.54	0.45	0.00	—	15.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.28	0.00	0.28	0.03	0.00	—	0.97
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	4.26	0.00	4.26	0.43	0.00	—	14.9
Total	—	—	—	—	—	—	—	—	—	—	—	4.54	0.00	4.54	0.45	0.00	—	15.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.05	0.00	0.05	< 0.005	0.00	—	0.16
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.71	0.00	0.71	0.07	0.00	—	2.47
Total	—	—	—	—	—	—	—	—	—	—	—	0.75	0.00	0.75	0.08	0.00	—	2.63

4.5.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.28	0.00	0.28	0.03	0.00	—	0.97
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	4.26	0.00	4.26	0.43	0.00	—	14.9
Total	—	—	—	—	—	—	—	—	—	—	—	4.54	0.00	4.54	0.45	0.00	—	15.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.28	0.00	0.28	0.03	0.00	—	0.97
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

General Office Building	—	—	—	—	—	—	—	—	—	—	—	4.26	0.00	4.26	0.43	0.00	—	14.9
Total	—	—	—	—	—	—	—	—	—	—	—	4.54	0.00	4.54	0.45	0.00	—	15.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.05	0.00	0.05	< 0.005	0.00	—	0.16
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.71	0.00	0.71	0.07	0.00	—	2.47
Total	—	—	—	—	—	—	—	—	—	—	—	0.75	0.00	0.75	0.08	0.00	—	2.63

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

4.6.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

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

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

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

Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	10/25/2024	12/6/2024	5.00	31.0	—
Site Preparation	Site Preparation	8/15/2024	10/24/2024	5.00	51.0	—
Reservoir Excavation	Grading	12/7/2024	4/26/2025	5.00	100	—
Field Surface Replacement	Grading	10/20/2025	12/1/2025	5.00	31.0	—
Reservoir Construction	Building Construction	4/27/2025	10/19/2025	5.00	125	—
Pipe/Diversion/Treatment Facility	Building Construction	7/27/2025	10/19/2025	5.00	60.0	—
Upper Terrace/Bleacher Construction	Building Construction	12/2/2025	1/27/2026	5.00	41.0	—
Community Center Construction	Building Construction	1/20/2026	4/14/2026	5.00	61.0	—
Courts/Splash Pad/Amphitheater Construction	Building Construction	3/31/2026	5/26/2026	5.00	41.0	—
Concrete Pathway Construction	Building Construction	5/27/2026	6/24/2026	5.00	21.0	—
Ancillary Park Improvements	Building Construction	6/20/2026	8/15/2026	5.00	40.0	—
Parking Lots	Paving	5/12/2026	7/7/2026	5.00	41.0	—
Architectural Coating	Architectural Coating	3/18/2026	4/14/2026	5.00	20.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Demolition	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Reservoir Excavation	Graders	Diesel	Average	1.00	8.00	148	0.41
Reservoir Excavation	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Reservoir Excavation	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Reservoir Excavation	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Field Surface Replacement	Graders	Diesel	Average	1.00	8.00	148	0.41
Field Surface Replacement	Skid Steer Loaders	Diesel	Average	1.00	8.00	71.0	0.37
Field Surface Replacement	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Reservoir Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Reservoir Construction	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Reservoir Construction	Skid Steer Loaders	Diesel	Average	2.00	8.00	71.0	0.37
Pipe/Diversion/Treatment Facility	Cranes	Diesel	Average	1.00	8.00	367	0.29
Pipe/Diversion/Treatment Facility	Trenchers	Diesel	Average	2.00	8.00	40.0	0.50

Pipe/Diversion/Treatme Facility	Skid Steer Loaders	Diesel	Average	2.00	8.00	71.0	0.37
Upper Terrace/Bleacher Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Upper Terrace/Bleacher Construction	Forklifts	Diesel	Average	1.00	8.00	82.0	0.20
Upper Terrace/Bleacher Construction	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Upper Terrace/Bleacher Construction	Aerial Lifts	Diesel	Average	1.00	8.00	46.0	0.31
Community Center Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Community Center Construction	Forklifts	Diesel	Average	1.00	8.00	82.0	0.20
Community Center Construction	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Community Center Construction	Aerial Lifts	Diesel	Average	1.00	8.00	46.0	0.31
Courts/Splash Pad/Amphitheater Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Courts/Splash Pad/Amphitheater Construction	Forklifts	Diesel	Average	1.00	8.00	82.0	0.20
Courts/Splash Pad/Amphitheater Construction	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Courts/Splash Pad/Amphitheater Construction	Aerial Lifts	Diesel	Average	1.00	8.00	46.0	0.31
Concrete Pathway Construction	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Ancillary Park Improvements	Cranes	Diesel	Average	1.00	8.00	367	0.29

Ancillary Park Improvements	Skid Steer Loaders	Diesel	Average	1.00	8.00	71.0	0.37
Ancillary Park Improvements	Forklifts	Diesel	Average	1.00	8.00	82.0	0.20
Ancillary Park Improvements	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Parking Lots	Skid Steer Loaders	Diesel	Average	1.00	8.00	71.0	0.37
Parking Lots	Rollers	Diesel	Average	1.00	8.00	36.0	0.38
Parking Lots	Plate Compactors	Diesel	Average	1.00	8.00	8.00	0.43
Parking Lots	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Interim	2.00	8.00	367	0.40
Demolition	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Interim	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	4.00	8.00	84.0	0.37
Reservoir Excavation	Graders	Diesel	Tier 4 Interim	1.00	8.00	148	0.41
Reservoir Excavation	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Reservoir Excavation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	3.00	8.00	84.0	0.37
Reservoir Excavation	Rubber Tired Dozers	Diesel	Tier 4 Interim	2.00	8.00	367	0.40
Field Surface Replacement	Graders	Diesel	Tier 4 Interim	1.00	8.00	148	0.41
Field Surface Replacement	Skid Steer Loaders	Diesel	Average	1.00	8.00	71.0	0.37

Field Surface Replacement	Tractors/Loaders/Backh	Diesel	Tier 4 Interim	2.00	8.00	84.0	0.37
Reservoir Construction	Cranes	Diesel	Tier 4 Interim	1.00	8.00	367	0.29
Reservoir Construction	Rubber Tired Dozers	Diesel	Tier 4 Interim	2.00	8.00	367	0.40
Reservoir Construction	Skid Steer Loaders	Diesel	Average	2.00	8.00	71.0	0.37
Pipe/Diversion/Treatment Facility	Cranes	Diesel	Tier 4 Interim	1.00	8.00	367	0.29
Pipe/Diversion/Treatment Facility	Trenchers	Diesel	Average	2.00	8.00	40.0	0.50
Pipe/Diversion/Treatment Facility	Skid Steer Loaders	Diesel	Average	2.00	8.00	71.0	0.37
Upper Terrace/Bleacher Construction	Cranes	Diesel	Tier 4 Interim	1.00	8.00	367	0.29
Upper Terrace/Bleacher Construction	Forklifts	Diesel	Tier 4 Interim	1.00	8.00	82.0	0.20
Upper Terrace/Bleacher Construction	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Upper Terrace/Bleacher Construction	Aerial Lifts	Diesel	Average	1.00	8.00	46.0	0.31
Community Center Construction	Cranes	Diesel	Tier 4 Interim	1.00	8.00	367	0.29
Community Center Construction	Forklifts	Diesel	Tier 4 Interim	1.00	8.00	82.0	0.20
Community Center Construction	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Community Center Construction	Aerial Lifts	Diesel	Average	1.00	8.00	46.0	0.31
Courts/Splash Pad/Amphitheater Construction	Cranes	Diesel	Tier 4 Interim	1.00	8.00	367	0.29

Courts/Splash Pad/Amphitheater Construction	Forklifts	Diesel	Tier 4 Interim	1.00	8.00	82.0	0.20
Courts/Splash Pad/Amphitheater Construction	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Courts/Splash Pad/Amphitheater Construction	Aerial Lifts	Diesel	Average	1.00	8.00	46.0	0.31
Concrete Pathway Construction	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Ancillary Park Improvements	Cranes	Diesel	Tier 4 Interim	1.00	8.00	367	0.29
Ancillary Park Improvements	Skid Steer Loaders	Diesel	Average	1.00	8.00	71.0	0.37
Ancillary Park Improvements	Forklifts	Diesel	Tier 4 Interim	1.00	8.00	82.0	0.20
Ancillary Park Improvements	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Parking Lots	Skid Steer Loaders	Diesel	Average	1.00	8.00	71.0	0.37
Parking Lots	Rollers	Diesel	Average	1.00	8.00	36.0	0.38
Parking Lots	Plate Compactors	Diesel	Average	1.00	8.00	8.00	0.43
Parking Lots	Pavers	Diesel	Tier 4 Interim	1.00	8.00	81.0	0.42
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	18.0	18.5	LDA,LDT1,LDT2

Site Preparation	Vendor	4.00	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Reservoir Excavation	—	—	—	—
Reservoir Excavation	Worker	20.0	18.5	LDA,LDT1,LDT2
Reservoir Excavation	Vendor	4.00	10.2	HHDT,MHDT
Reservoir Excavation	Hauling	46.3	20.0	HHDT
Reservoir Excavation	Onsite truck	—	—	HHDT
Reservoir Construction	—	—	—	—
Reservoir Construction	Worker	10.0	18.5	LDA,LDT1,LDT2
Reservoir Construction	Vendor	2.00	10.2	HHDT,MHDT
Reservoir Construction	Hauling	2.00	20.0	HHDT
Reservoir Construction	Onsite truck	—	—	HHDT
Parking Lots	—	—	—	—
Parking Lots	Worker	10.0	18.5	LDA,LDT1,LDT2
Parking Lots	Vendor	2.00	10.2	HHDT,MHDT
Parking Lots	Hauling	0.00	20.0	HHDT
Parking Lots	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	4.00	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Demolition	—	—	—	—
Demolition	Worker	14.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	10.0	20.0	HHDT

Demolition	Onsite truck	—	—	HHDT
Field Surface Replacement	—	—	—	—
Field Surface Replacement	Worker	10.0	18.5	LDA,LDT1,LDT2
Field Surface Replacement	Vendor	2.00	10.2	HHDT,MHDT
Field Surface Replacement	Hauling	0.00	20.0	HHDT
Field Surface Replacement	Onsite truck	—	—	HHDT
Pipe/Diversion/Treatment Facility	—	—	—	—
Pipe/Diversion/Treatment Facility	Worker	10.0	18.5	LDA,LDT1,LDT2
Pipe/Diversion/Treatment Facility	Vendor	2.00	10.2	HHDT,MHDT
Pipe/Diversion/Treatment Facility	Hauling	2.00	20.0	HHDT
Pipe/Diversion/Treatment Facility	Onsite truck	—	—	HHDT
Upper Terrace/Bleacher Construction	—	—	—	—
Upper Terrace/Bleacher Construction	Worker	4.00	18.5	LDA,LDT1,LDT2
Upper Terrace/Bleacher Construction	Vendor	2.00	10.2	HHDT,MHDT
Upper Terrace/Bleacher Construction	Hauling	0.00	20.0	HHDT
Upper Terrace/Bleacher Construction	Onsite truck	—	—	HHDT
Community Center Construction	—	—	—	—
Community Center Construction	Worker	4.00	18.5	LDA,LDT1,LDT2
Community Center Construction	Vendor	2.00	10.2	HHDT,MHDT
Community Center Construction	Hauling	0.00	20.0	HHDT
Community Center Construction	Onsite truck	—	—	HHDT
Courts/Splash Pad/Amphitheater Construction	—	—	—	—
Courts/Splash Pad/Amphitheater Construction	Worker	4.00	18.5	LDA,LDT1,LDT2
Courts/Splash Pad/Amphitheater Construction	Vendor	2.00	10.2	HHDT,MHDT
Courts/Splash Pad/Amphitheater Construction	Hauling	0.00	20.0	HHDT

Courts/Splash Pad/Amphitheater Construction	Onsite truck	—	—	HHDT
Concrete Pathway Construction	—	—	—	—
Concrete Pathway Construction	Worker	4.00	18.5	LDA,LDT1,LDT2
Concrete Pathway Construction	Vendor	2.00	10.2	HHDT,MHDT
Concrete Pathway Construction	Hauling	0.00	20.0	HHDT
Concrete Pathway Construction	Onsite truck	—	—	HHDT
Ancillary Park Improvements	—	—	—	—
Ancillary Park Improvements	Worker	4.00	18.5	LDA,LDT1,LDT2
Ancillary Park Improvements	Vendor	2.00	10.2	HHDT,MHDT
Ancillary Park Improvements	Hauling	0.00	20.0	HHDT
Ancillary Park Improvements	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	18.0	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Reservoir Excavation	—	—	—	—
Reservoir Excavation	Worker	20.0	18.5	LDA,LDT1,LDT2
Reservoir Excavation	Vendor	4.00	10.2	HHDT,MHDT
Reservoir Excavation	Hauling	46.3	20.0	HHDT
Reservoir Excavation	Onsite truck	—	—	HHDT
Reservoir Construction	—	—	—	—
Reservoir Construction	Worker	10.0	18.5	LDA,LDT1,LDT2

Reservoir Construction	Vendor	2.00	10.2	HHDT,MHDT
Reservoir Construction	Hauling	2.00	20.0	HHDT
Reservoir Construction	Onsite truck	—	—	HHDT
Parking Lots	—	—	—	—
Parking Lots	Worker	10.0	18.5	LDA,LDT1,LDT2
Parking Lots	Vendor	2.00	10.2	HHDT,MHDT
Parking Lots	Hauling	0.00	20.0	HHDT
Parking Lots	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	4.00	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Demolition	—	—	—	—
Demolition	Worker	14.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	10.0	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Field Surface Replacement	—	—	—	—
Field Surface Replacement	Worker	10.0	18.5	LDA,LDT1,LDT2
Field Surface Replacement	Vendor	2.00	10.2	HHDT,MHDT
Field Surface Replacement	Hauling	0.00	20.0	HHDT
Field Surface Replacement	Onsite truck	—	—	HHDT
Pipe/Diversion/Treatment Facility	—	—	—	—
Pipe/Diversion/Treatment Facility	Worker	10.0	18.5	LDA,LDT1,LDT2
Pipe/Diversion/Treatment Facility	Vendor	2.00	10.2	HHDT,MHDT
Pipe/Diversion/Treatment Facility	Hauling	2.00	20.0	HHDT

Pipe/Diversion/Treatment Facility	Onsite truck	—	—	HHDT
Upper Terrace/Bleacher Construction	—	—	—	—
Upper Terrace/Bleacher Construction	Worker	4.00	18.5	LDA,LDT1,LDT2
Upper Terrace/Bleacher Construction	Vendor	2.00	10.2	HHDT,MHDT
Upper Terrace/Bleacher Construction	Hauling	0.00	20.0	HHDT
Upper Terrace/Bleacher Construction	Onsite truck	—	—	HHDT
Community Center Construction	—	—	—	—
Community Center Construction	Worker	4.00	18.5	LDA,LDT1,LDT2
Community Center Construction	Vendor	2.00	10.2	HHDT,MHDT
Community Center Construction	Hauling	0.00	20.0	HHDT
Community Center Construction	Onsite truck	—	—	HHDT
Courts/Splash Pad/Amphitheater Construction	—	—	—	—
Courts/Splash Pad/Amphitheater Construction	Worker	4.00	18.5	LDA,LDT1,LDT2
Courts/Splash Pad/Amphitheater Construction	Vendor	2.00	10.2	HHDT,MHDT
Courts/Splash Pad/Amphitheater Construction	Hauling	0.00	20.0	HHDT
Courts/Splash Pad/Amphitheater Construction	Onsite truck	—	—	HHDT
Concrete Pathway Construction	—	—	—	—
Concrete Pathway Construction	Worker	4.00	18.5	LDA,LDT1,LDT2
Concrete Pathway Construction	Vendor	2.00	10.2	HHDT,MHDT
Concrete Pathway Construction	Hauling	0.00	20.0	HHDT
Concrete Pathway Construction	Onsite truck	—	—	HHDT
Ancillary Park Improvements	—	—	—	—
Ancillary Park Improvements	Worker	4.00	18.5	LDA,LDT1,LDT2
Ancillary Park Improvements	Vendor	2.00	10.2	HHDT,MHDT

Ancillary Park Improvements	Hauling	0.00	20.0	HHDT
Ancillary Park Improvements	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	12,750	4,250	7,318

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	1,222	—
Site Preparation	—	—	76.5	0.00	—
Reservoir Excavation	—	37,000	150	0.00	—
Field Surface Replacement	—	—	15.5	0.00	—
Parking Lots	0.00	0.00	0.00	0.00	2.80

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
City Park	0.00	0%
Parking Lot	1.39	100%
Other Non-Asphalt Surfaces	1.41	0%
General Office Building	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	532	0.03	< 0.005
2025	0.00	532	0.03	< 0.005
2026	0.00	532	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
City Park	263	1,474	1,474	222,254	2,447	13,727	13,727	2,069,586
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	220	69.3	69.3	64,714	2,053	645	645	602,609

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
City Park	263	1,474	1,474	222,254	2,447	13,727	13,727	2,069,586
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	220	69.3	69.3	64,714	2,053	645	645	602,609

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	12,750	4,250	7,318

5.10.3. Landscape Equipment

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

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00

Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
City Park	0.00	346	0.0330	0.0040	0.00
Parking Lot	53,040	346	0.0330	0.0040	0.00
Other Non-Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00
General Office Building	151,472	346	0.0330	0.0040	215,445

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
City Park	0.00	346	0.0330	0.0040	0.00
Parking Lot	53,040	346	0.0330	0.0040	0.00
Other Non-Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00
General Office Building	151,472	346	0.0330	0.0040	215,445

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
City Park	0.00	9,774,574
Parking Lot	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00

General Office Building	1,510,737	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
City Park	0.00	9,774,574
Parking Lot	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00
General Office Building	1,510,737	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
City Park	0.52	—
Parking Lot	0.00	—
Other Non-Asphalt Surfaces	0.00	—
General Office Building	7.91	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
City Park	0.52	—
Parking Lot	0.00	—
Other Non-Asphalt Surfaces	0.00	—
General Office Building	7.91	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	10.4	annual days of extreme heat
Extreme Precipitation	4.50	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

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

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

6.2. Initial Climate Risk Scores

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

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

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

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

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	42.6
AQ-PM	74.9
AQ-DPM	38.1
Drinking Water	66.2
Lead Risk Housing	75.5
Pesticides	0.00
Toxic Releases	90.7
Traffic	83.0
Effect Indicators	—
CleanUp Sites	5.69
Groundwater	59.6
Haz Waste Facilities/Generators	50.5
Impaired Water Bodies	0.00

Solid Waste	0.00
Sensitive Population	—
Asthma	40.5
Cardio-vascular	65.3
Low Birth Weights	39.0
Socioeconomic Factor Indicators	—
Education	85.4
Housing	64.8
Linguistic	74.8
Poverty	47.8
Unemployment	86.2

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	30.41190812
Employed	40.65186706
Median HI	53.75336841
Education	—
Bachelor's or higher	13.64044655
High school enrollment	100
Preschool enrollment	32.04157577
Transportation	—
Auto Access	73.42486847
Active commuting	54.89541897
Social	—

2-parent households	42.2302066
Voting	13.69177467
Neighborhood	—
Alcohol availability	21.73745669
Park access	62.60746824
Retail density	89.58039266
Supermarket access	94.25125112
Tree canopy	24.61183113
Housing	—
Homeownership	62.06852303
Housing habitability	42.75631977
Low-inc homeowner severe housing cost burden	53.49672783
Low-inc renter severe housing cost burden	40.58770692
Uncrowded housing	12.81919672
Health Outcomes	—
Insured adults	17.70819967
Arthritis	71.8
Asthma ER Admissions	53.9
High Blood Pressure	75.3
Cancer (excluding skin)	74.5
Asthma	65.7
Coronary Heart Disease	47.4
Chronic Obstructive Pulmonary Disease	68.2
Diagnosed Diabetes	19.9
Life Expectancy at Birth	76.8
Cognitively Disabled	58.3
Physically Disabled	42.3

Heart Attack ER Admissions	34.3
Mental Health Not Good	39.0
Chronic Kidney Disease	27.1
Obesity	34.9
Pedestrian Injuries	83.9
Physical Health Not Good	31.5
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	57.0
Current Smoker	49.4
No Leisure Time for Physical Activity	29.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	35.2
Elderly	54.5
English Speaking	30.5
Foreign-born	69.5
Outdoor Workers	29.5
Climate Change Adaptive Capacity	—
Impervious Surface Cover	11.0
Traffic Density	43.7
Traffic Access	23.0
Other Indices	—
Hardship	75.6
Other Decision Support	—
2016 Voting	30.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	69.0
Healthy Places Index Score for Project Location (b)	36.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	9-acre total park including 8,500 sf community building (modeled as General Office), courts/sidewalks, and 154 space parking lot
Construction: Construction Phases	Adjusted the construction phases and duration based on the Project Description
Construction: Off-Road Equipment	Adjusted default equipment mix based on Project Description
Construction: Trips and VMT	Rounded trips up to nearest even number. Added vendor trips to account for water trucks during site preparation and grading. Also added vendor and haul trucks during reservoir construction and pipeline/diversion/treatment facility phases to account for precast concrete and other structural/material import.
Operations: Vehicle Data	Adjusted trip rates based on traffic trip gen estimates for the proposed land uses

Hermosillo Park Stormwater Capture Project - Existing Conditions Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Hermosillo Park Stormwater Capture Project - Existing Conditions
Operational Year	2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	8.00
Location	11959 162nd St, Norwalk, CA 90650, USA
County	Los Angeles-South Coast
City	Norwalk
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4886
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.21

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
City Park	7.66	Acre	7.66	0.00	333,670	333,670	—	—

Parking Lot	19.0	Space	0.17	0.00	0.00	—	—	—
Other Non-Asphalt Surfaces	47.6	1000sqft	1.09	0.00	0.00	—	—	—
General Office Building	3.10	1000sqft	0.08	3,100	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.42	0.65	0.31	3.37	0.01	0.01	0.64	0.64	0.01	0.16	0.17	2.96	875	878	0.35	0.03	2.90	899
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.39	0.62	0.34	2.96	0.01	0.01	0.64	0.64	0.01	0.16	0.17	2.96	843	846	0.35	0.03	0.08	865
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.31	0.55	0.26	2.42	0.01	0.01	0.48	0.49	0.01	0.12	0.13	2.96	684	687	0.34	0.03	0.96	705
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.06	0.10	0.05	0.44	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.02	0.49	113	114	0.06	< 0.005	0.16	117

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.39	0.35	0.29	3.22	0.01	< 0.005	0.64	0.64	< 0.005	0.16	0.17	—	734	734	0.04	0.03	2.90	746
Area	0.02	0.29	< 0.005	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.55	0.55	< 0.005	< 0.005	—	0.56
Energy	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	84.1	84.1	0.01	< 0.005	—	84.6
Water	—	—	—	—	—	—	—	—	—	—	—	1.06	56.3	57.3	0.11	< 0.005	—	61.1
Waste	—	—	—	—	—	—	—	—	—	—	—	1.91	0.00	1.91	0.19	0.00	—	6.68
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	0.42	0.65	0.31	3.37	0.01	0.01	0.64	0.64	0.01	0.16	0.17	2.96	875	878	0.35	0.03	2.90	899
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.38	0.35	0.31	2.95	0.01	< 0.005	0.64	0.64	< 0.005	0.16	0.17	—	703	703	0.04	0.03	0.08	713
Area	—	0.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	84.1	84.1	0.01	< 0.005	—	84.6
Water	—	—	—	—	—	—	—	—	—	—	—	1.06	56.3	57.3	0.11	< 0.005	—	61.1
Waste	—	—	—	—	—	—	—	—	—	—	—	1.91	0.00	1.91	0.19	0.00	—	6.68
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	0.39	0.62	0.34	2.96	0.01	0.01	0.64	0.64	0.01	0.16	0.17	2.96	843	846	0.35	0.03	0.08	865
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.29	0.26	0.24	2.31	0.01	< 0.005	0.48	0.49	< 0.005	0.12	0.13	—	543	543	0.03	0.02	0.95	552
Area	0.02	0.29	< 0.005	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.38	0.38	< 0.005	< 0.005	—	0.38
Energy	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	84.1	84.1	0.01	< 0.005	—	84.6
Water	—	—	—	—	—	—	—	—	—	—	—	1.06	56.3	57.3	0.11	< 0.005	—	61.1

Waste	—	—	—	—	—	—	—	—	—	—	—	1.91	0.00	1.91	0.19	0.00	—	6.68
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	0.31	0.55	0.26	2.42	0.01	0.01	0.48	0.49	0.01	0.12	0.13	2.96	684	687	0.34	0.03	0.96	705
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.05	0.05	0.04	0.42	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.02	—	89.9	89.9	< 0.005	< 0.005	0.16	91.4
Area	< 0.005	0.05	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.06	0.06	< 0.005	< 0.005	—	0.06
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.9	13.9	< 0.005	< 0.005	—	14.0
Water	—	—	—	—	—	—	—	—	—	—	—	0.17	9.32	9.49	0.02	< 0.005	—	10.1
Waste	—	—	—	—	—	—	—	—	—	—	—	0.32	0.00	0.32	0.03	0.00	—	1.11
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.06	0.10	0.05	0.44	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.02	0.49	113	114	0.06	< 0.005	0.16	117

2.6. Operations Emissions by Sector, Mitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.39	0.35	0.29	3.22	0.01	< 0.005	0.64	0.64	< 0.005	0.16	0.17	—	734	734	0.04	0.03	2.90	746
Area	0.02	0.29	< 0.005	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.55	0.55	< 0.005	< 0.005	—	0.56
Energy	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	84.1	84.1	0.01	< 0.005	—	84.6
Water	—	—	—	—	—	—	—	—	—	—	—	1.06	56.3	57.3	0.11	< 0.005	—	61.1
Waste	—	—	—	—	—	—	—	—	—	—	—	1.91	0.00	1.91	0.19	0.00	—	6.68
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	0.42	0.65	0.31	3.37	0.01	0.01	0.64	0.64	0.01	0.16	0.17	2.96	875	878	0.35	0.03	2.90	899
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.38	0.35	0.31	2.95	0.01	< 0.005	0.64	0.64	< 0.005	0.16	0.17	—	703	703	0.04	0.03	0.08	713

Area	—	0.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	84.1	84.1	0.01	< 0.005	—	84.6
Water	—	—	—	—	—	—	—	—	—	—	—	1.06	56.3	57.3	0.11	< 0.005	—	61.1
Waste	—	—	—	—	—	—	—	—	—	—	—	1.91	0.00	1.91	0.19	0.00	—	6.68
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	0.39	0.62	0.34	2.96	0.01	0.01	0.64	0.64	0.01	0.16	0.17	2.96	843	846	0.35	0.03	0.08	865
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.29	0.26	0.24	2.31	0.01	< 0.005	0.48	0.49	< 0.005	0.12	0.13	—	543	543	0.03	0.02	0.95	552
Area	0.02	0.29	< 0.005	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.38	0.38	< 0.005	< 0.005	—	0.38
Energy	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	84.1	84.1	0.01	< 0.005	—	84.6
Water	—	—	—	—	—	—	—	—	—	—	—	1.06	56.3	57.3	0.11	< 0.005	—	61.1
Waste	—	—	—	—	—	—	—	—	—	—	—	1.91	0.00	1.91	0.19	0.00	—	6.68
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	0.31	0.55	0.26	2.42	0.01	0.01	0.48	0.49	0.01	0.12	0.13	2.96	684	687	0.34	0.03	0.96	705
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.05	0.05	0.04	0.42	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.02	—	89.9	89.9	< 0.005	< 0.005	0.16	91.4
Area	< 0.005	0.05	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.06	0.06	< 0.005	< 0.005	—	0.06
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.9	13.9	< 0.005	< 0.005	—	14.0
Water	—	—	—	—	—	—	—	—	—	—	—	0.17	9.32	9.49	0.02	< 0.005	—	10.1
Waste	—	—	—	—	—	—	—	—	—	—	—	0.32	0.00	0.32	0.03	0.00	—	1.11
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.06	0.10	0.05	0.44	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.02	0.49	113	114	0.06	< 0.005	0.16	117

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.07	0.06	0.05	0.54	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	123	123	0.01	< 0.005	0.49	126
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.32	0.29	0.24	2.68	0.01	< 0.005	0.53	0.53	< 0.005	0.13	0.14	—	611	611	0.03	0.02	2.41	621
Total	0.39	0.35	0.29	3.22	0.01	< 0.005	0.64	0.64	< 0.005	0.16	0.17	—	734	734	0.04	0.03	2.90	746
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.06	0.06	0.05	0.50	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	118	118	0.01	0.01	0.01	120
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.32	0.29	0.26	2.45	0.01	< 0.005	0.53	0.53	< 0.005	0.13	0.14	—	585	585	0.03	0.03	0.06	593
Total	0.38	0.35	0.31	2.95	0.01	< 0.005	0.64	0.64	< 0.005	0.16	0.17	—	703	703	0.04	0.03	0.08	713
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.01	0.01	0.01	0.05	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	11.2	11.2	< 0.005	< 0.005	0.02	11.3

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.05	0.04	0.04	0.37	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	78.8	78.8	< 0.005	< 0.005	0.14	80.0
Total	0.05	0.05	0.04	0.42	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.02	—	89.9	89.9	< 0.005	< 0.005	0.16	91.4

4.1.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.07	0.06	0.05	0.54	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	123	123	0.01	< 0.005	0.49	126
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.32	0.29	0.24	2.68	0.01	< 0.005	0.53	0.53	< 0.005	0.13	0.14	—	611	611	0.03	0.02	2.41	621
Total	0.39	0.35	0.29	3.22	0.01	< 0.005	0.64	0.64	< 0.005	0.16	0.17	—	734	734	0.04	0.03	2.90	746
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.06	0.06	0.05	0.50	< 0.005	< 0.005	0.11	0.11	< 0.005	0.03	0.03	—	118	118	0.01	0.01	0.01	120
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.32	0.29	0.26	2.45	0.01	< 0.005	0.53	0.53	< 0.005	0.13	0.14	—	585	585	0.03	0.03	0.06	593
Total	0.38	0.35	0.31	2.95	0.01	< 0.005	0.64	0.64	< 0.005	0.16	0.17	—	703	703	0.04	0.03	0.08	713
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.01	0.01	0.01	0.05	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	11.2	11.2	< 0.005	< 0.005	0.02	11.3
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.05	0.04	0.04	0.37	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	—	78.8	78.8	< 0.005	< 0.005	0.14	80.0
Total	0.05	0.05	0.04	0.42	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.02	—	89.9	89.9	< 0.005	< 0.005	0.16	91.4

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	6.20	6.20	< 0.005	< 0.005	—	6.23

Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	52.8	52.8	< 0.005	< 0.005	—	53.1
Total	—	—	—	—	—	—	—	—	—	—	—	—	59.0	59.0	0.01	< 0.005	—	59.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	6.20	6.20	< 0.005	< 0.005	—	6.23
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	52.8	52.8	< 0.005	< 0.005	—	53.1
Total	—	—	—	—	—	—	—	—	—	—	—	—	59.0	59.0	0.01	< 0.005	—	59.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	1.03	1.03	< 0.005	< 0.005	—	1.03
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	8.74	8.74	< 0.005	< 0.005	—	8.79
Total	—	—	—	—	—	—	—	—	—	—	—	—	9.76	9.76	< 0.005	< 0.005	—	9.82

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	6.20	6.20	< 0.005	< 0.005	—	6.23
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	52.8	52.8	< 0.005	< 0.005	—	53.1
Total	—	—	—	—	—	—	—	—	—	—	—	—	59.0	59.0	0.01	< 0.005	—	59.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	6.20	6.20	< 0.005	< 0.005	—	6.23
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	52.8	52.8	< 0.005	< 0.005	—	53.1
Total	—	—	—	—	—	—	—	—	—	—	—	—	59.0	59.0	0.01	< 0.005	—	59.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	1.03	1.03	< 0.005	< 0.005	—	1.03

Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	8.74	8.74	< 0.005	< 0.005	—	8.79
Total	—	—	—	—	—	—	—	—	—	—	—	—	9.76	9.76	< 0.005	< 0.005	—	9.82

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.2	25.2	< 0.005	< 0.005	—	25.3
Total	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.2	25.2	< 0.005	< 0.005	—	25.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

General Office Building	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.2	25.2	< 0.005	< 0.005	—	25.3
Total	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.2	25.2	< 0.005	< 0.005	—	25.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.17	4.17	< 0.005	< 0.005	—	4.18
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.17	4.17	< 0.005	< 0.005	—	4.18

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.2	25.2	< 0.005	< 0.005	—	25.3
Total	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.2	25.2	< 0.005	< 0.005	—	25.3

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.2	25.2	< 0.005	< 0.005	—	25.3
Total	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.2	25.2	< 0.005	< 0.005	—	25.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.17	4.17	< 0.005	< 0.005	—	4.18
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.17	4.17	< 0.005	< 0.005	—	4.18

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consum Products	—	0.26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.02	0.02	< 0.005	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.55	0.55	< 0.005	< 0.005	—	0.56
Total	0.02	0.29	< 0.005	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.55	0.55	< 0.005	< 0.005	—	0.56
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	0.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.06	0.06	< 0.005	< 0.005	—	0.06
Total	< 0.005	0.05	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.06	0.06	< 0.005	< 0.005	—	0.06

4.3.2. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.02	0.02	< 0.005	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.55	0.55	< 0.005	< 0.005	—	0.56
Total	0.02	0.29	< 0.005	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.55	0.55	< 0.005	< 0.005	—	0.56
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	0.27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape Equipme	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.06	0.06	< 0.005	< 0.005	—	0.06
Total	< 0.005	0.05	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.06	0.06	< 0.005	< 0.005	—	0.06

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	52.7	52.7	< 0.005	< 0.005	—	53.0
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.06	3.58	4.64	0.11	< 0.005	—	8.13
Total	—	—	—	—	—	—	—	—	—	—	—	1.06	56.3	57.3	0.11	< 0.005	—	61.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	52.7	52.7	< 0.005	< 0.005	—	53.0
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.06	3.58	4.64	0.11	< 0.005	—	8.13
Total	—	—	—	—	—	—	—	—	—	—	—	1.06	56.3	57.3	0.11	< 0.005	—	61.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	8.73	8.73	< 0.005	< 0.005	—	8.78
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.17	0.59	0.77	0.02	< 0.005	—	1.35
Total	—	—	—	—	—	—	—	—	—	—	—	0.17	9.32	9.49	0.02	< 0.005	—	10.1

4.4.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	52.7	52.7	< 0.005	< 0.005	—	53.0
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.06	3.58	4.64	0.11	< 0.005	—	8.13
Total	—	—	—	—	—	—	—	—	—	—	—	1.06	56.3	57.3	0.11	< 0.005	—	61.1

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	52.7	52.7	< 0.005	< 0.005	—	53.0
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.06	3.58	4.64	0.11	< 0.005	—	8.13
Total	—	—	—	—	—	—	—	—	—	—	—	1.06	56.3	57.3	0.11	< 0.005	—	61.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	8.73	8.73	< 0.005	< 0.005	—	8.78
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.17	0.59	0.77	0.02	< 0.005	—	1.35
Total	—	—	—	—	—	—	—	—	—	—	—	0.17	9.32	9.49	0.02	< 0.005	—	10.1

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.36	0.00	0.36	0.04	0.00	—	1.24
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.55	0.00	1.55	0.16	0.00	—	5.44
Total	—	—	—	—	—	—	—	—	—	—	—	1.91	0.00	1.91	0.19	0.00	—	6.68
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.36	0.00	0.36	0.04	0.00	—	1.24
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.55	0.00	1.55	0.16	0.00	—	5.44
Total	—	—	—	—	—	—	—	—	—	—	—	1.91	0.00	1.91	0.19	0.00	—	6.68
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.06	0.00	0.06	0.01	0.00	—	0.21
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.26	0.00	0.26	0.03	0.00	—	0.90
Total	—	—	—	—	—	—	—	—	—	—	—	0.32	0.00	0.32	0.03	0.00	—	1.11

4.5.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.36	0.00	0.36	0.04	0.00	—	1.24
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.55	0.00	1.55	0.16	0.00	—	5.44
Total	—	—	—	—	—	—	—	—	—	—	—	1.91	0.00	1.91	0.19	0.00	—	6.68
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.36	0.00	0.36	0.04	0.00	—	1.24
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.55	0.00	1.55	0.16	0.00	—	5.44

Total	—	—	—	—	—	—	—	—	—	—	—	1.91	0.00	1.91	0.19	0.00	—	6.68
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.06	0.00	0.06	0.01	0.00	—	0.21
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.26	0.00	0.26	0.03	0.00	—	0.90
Total	—	—	—	—	—	—	—	—	—	—	—	0.32	0.00	0.32	0.03	0.00	—	1.11

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

4.6.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

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

Equipme Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
City Park	6.30	16.2	16.2	3,332	58.7	151	151	31,026
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	80.1	25.2	25.2	23,511	746	235	235	218,932

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
City Park	6.30	16.2	16.2	3,332	58.7	151	151	31,026
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	80.1	25.2	25.2	23,511	746	235	235	218,932

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	4,650	1,550	3,293

5.10.3. Landscape Equipment

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

5.10.4. Landscape Equipment - Mitigated

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
City Park	0.00	349	0.0330	0.0040	0.00
Parking Lot	6,487	349	0.0330	0.0040	0.00
Other Non-Asphalt Surfaces	0.00	349	0.0330	0.0040	0.00
General Office Building	55,243	349	0.0330	0.0040	78,574

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
City Park	0.00	349	0.0330	0.0040	0.00
Parking Lot	6,487	349	0.0330	0.0040	0.00
Other Non-Asphalt Surfaces	0.00	349	0.0330	0.0040	0.00
General Office Building	55,243	349	0.0330	0.0040	78,574

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
City Park	0.00	10,399,073
Parking Lot	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00
General Office Building	550,975	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
City Park	0.00	10,399,073
Parking Lot	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00
General Office Building	550,975	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

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

City Park	0.66	—
Parking Lot	0.00	—
Other Non-Asphalt Surfaces	0.00	—
General Office Building	2.88	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
City Park	0.66	—
Parking Lot	0.00	—
Other Non-Asphalt Surfaces	0.00	—
General Office Building	2.88	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	10.4	annual days of extreme heat
Extreme Precipitation	4.50	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

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

Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

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

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—

AQ-Ozone	42.6
AQ-PM	74.9
AQ-DPM	38.1
Drinking Water	66.2
Lead Risk Housing	75.5
Pesticides	0.00
Toxic Releases	90.7
Traffic	83.0
Effect Indicators	—
CleanUp Sites	5.69
Groundwater	59.6
Haz Waste Facilities/Generators	50.5
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	40.5
Cardio-vascular	65.3
Low Birth Weights	39.0
Socioeconomic Factor Indicators	—
Education	85.4
Housing	64.8
Linguistic	74.8
Poverty	47.8
Unemployment	86.2

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	30.41190812
Employed	40.65186706
Median HI	53.75336841
Education	—
Bachelor's or higher	13.64044655
High school enrollment	100
Preschool enrollment	32.04157577
Transportation	—
Auto Access	73.42486847
Active commuting	54.89541897
Social	—
2-parent households	42.2302066
Voting	13.69177467
Neighborhood	—
Alcohol availability	21.73745669
Park access	62.60746824
Retail density	89.58039266
Supermarket access	94.25125112
Tree canopy	24.61183113
Housing	—
Homeownership	62.06852303
Housing habitability	42.75631977
Low-inc homeowner severe housing cost burden	53.49672783
Low-inc renter severe housing cost burden	40.58770692
Uncrowded housing	12.81919672

Health Outcomes	—
Insured adults	17.70819967
Arthritis	71.8
Asthma ER Admissions	53.9
High Blood Pressure	75.3
Cancer (excluding skin)	74.5
Asthma	65.7
Coronary Heart Disease	47.4
Chronic Obstructive Pulmonary Disease	68.2
Diagnosed Diabetes	19.9
Life Expectancy at Birth	76.8
Cognitively Disabled	58.3
Physically Disabled	42.3
Heart Attack ER Admissions	34.3
Mental Health Not Good	39.0
Chronic Kidney Disease	27.1
Obesity	34.9
Pedestrian Injuries	83.9
Physical Health Not Good	31.5
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	57.0
Current Smoker	49.4
No Leisure Time for Physical Activity	29.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0

Children	35.2
Elderly	54.5
English Speaking	30.5
Foreign-born	69.5
Outdoor Workers	29.5
Climate Change Adaptive Capacity	—
Impervious Surface Cover	11.0
Traffic Density	43.7
Traffic Access	23.0
Other Indices	—
Hardship	75.6
Other Decision Support	—
2016 Voting	30.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	69.0
Healthy Places Index Score for Project Location (b)	36.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	9-acre total park including 3,100 sf community building (modeled as General Office), courts/sidewalks, and 19 space parking lot
Construction: Construction Phases	Adjusted the construction phases and duration based on the Project Description
Construction: Off-Road Equipment	Adjusted default equipment mix based on Project Description
Construction: Trips and VMT	Rounded trips up to nearest even number. Added vendor trips to account for water trucks during site preparation and grading. Also added vendor and haul trucks during reservoir construction and pipeline/diversion/treatment facility phases to account for precast concrete and other structural/material import.
Operations: Vehicle Data	Adjusted trip rates based on traffic trip gen estimates for the existing land uses

Hermosillo Park Stormwater Capture Project - Construction HRA/LST - Unmitigated Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

3.3. Site Preparation (2024) - Unmitigated

3.5. Reservoir Excavation (2024) - Unmitigated

3.7. Reservoir Excavation (2025) - Unmitigated

3.9. Field Surface Replacement (2025) - Unmitigated

3.11. Reservoir Construction (2025) - Unmitigated

3.13. Pipe/Diversion/Treatment Facility (2025) - Unmitigated

3.15. Upper Terrace/Bleacher Construction (2025) - Unmitigated

3.17. Upper Terrace/Bleacher Construction (2026) - Unmitigated

3.19. Community Center Construction (2026) - Unmitigated

3.21. Courts/Splash Pad/Amphitheater Construction (2026) - Unmitigated

3.23. Concrete Pathway Construction (2026) - Unmitigated

3.25. Ancillary Park Improvements (2026) - Unmitigated

3.27. Parking Lots (2026) - Unmitigated

3.29. Architectural Coating (2026) - Unmitigated

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Hermosillo Park Stormwater Capture Project - Construction HRA/LST - Unmitigated
Construction Start Date	8/15/2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	8.00
Location	11959 162nd St, Norwalk, CA 90650, USA
County	Los Angeles-South Coast
City	Norwalk
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4886
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.21

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
City Park	6.00	Acre	6.00	0.00	261,360	261,360	—	—

Parking Lot	154	Space	1.39	0.00	0.00	—	—	—
Other Non-Asphalt Surfaces	131	1000sqft	1.41	0.00	0.00	—	—	—
General Office Building	8.50	1000sqft	0.20	8,500	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.40	6.90	36.0	33.1	0.06	1.60	7.67	9.27	1.47	3.94	5.41	—	6,155	6,155	0.26	0.06	0.12	6,177
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.40	6.90	36.0	33.2	0.06	1.60	7.67	9.27	1.47	3.94	5.41	—	6,155	6,155	0.26	0.06	< 0.005	6,178
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.07	1.74	16.4	16.1	0.03	0.69	1.40	1.92	0.63	0.69	1.24	—	3,013	3,013	0.13	0.03	0.02	3,026
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.38	0.32	2.99	2.93	0.01	0.13	0.26	0.35	0.12	0.13	0.23	—	499	499	0.02	0.01	< 0.005	501

2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	4.40	3.71	36.0	33.1	0.05	1.60	7.67	9.27	1.47	3.94	5.41	—	5,310	5,310	0.22	0.05	0.02	5,329
2025	4.02	3.38	31.6	30.4	0.06	1.31	5.34	6.48	1.21	2.65	3.71	—	6,155	6,155	0.26	0.06	0.12	6,177
2026	1.51	6.90	11.7	12.0	0.03	0.42	< 0.005	0.42	0.39	< 0.005	0.39	—	2,882	2,882	0.12	0.03	0.02	2,893
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	4.40	3.71	36.0	33.2	0.05	1.60	7.67	9.27	1.47	3.94	5.41	—	5,310	5,310	0.22	0.06	< 0.005	5,329
2025	4.02	3.38	31.6	30.5	0.06	1.31	5.34	6.48	1.21	2.65	3.71	—	6,155	6,155	0.26	0.06	< 0.005	6,178
2026	1.51	6.90	11.7	12.1	0.03	0.42	< 0.005	0.42	0.39	< 0.005	0.39	—	2,882	2,882	0.12	0.03	< 0.005	2,893
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.06	0.89	8.57	7.83	0.01	0.38	1.40	1.78	0.35	0.69	1.04	—	1,249	1,249	0.05	0.01	< 0.005	1,254
2025	2.07	1.74	16.4	16.1	0.03	0.69	1.23	1.92	0.63	0.60	1.24	—	3,013	3,013	0.13	0.03	0.02	3,026
2026	0.36	0.62	2.83	3.05	0.01	0.11	< 0.005	0.11	0.10	< 0.005	0.10	—	705	705	0.03	0.01	< 0.005	707
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.19	0.16	1.56	1.43	< 0.005	0.07	0.26	0.32	0.06	0.13	0.19	—	207	207	0.01	< 0.005	< 0.005	208
2025	0.38	0.32	2.99	2.93	0.01	0.13	0.22	0.35	0.12	0.11	0.23	—	499	499	0.02	0.01	< 0.005	501
2026	0.07	0.11	0.52	0.56	< 0.005	0.02	< 0.005	0.02	0.02	< 0.005	0.02	—	117	117	< 0.005	< 0.005	< 0.005	117

3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.00	2.52	24.0	20.7	0.03	1.03	—	1.03	0.95	—	0.95	—	3,284	3,284	0.13	0.03	—	3,295
Demolition	—	—	—	—	—	—	0.83	0.83	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.21	2.04	1.76	< 0.005	0.09	—	0.09	0.08	—	0.08	—	279	279	0.01	< 0.005	—	280
Demolition	—	—	—	—	—	—	0.07	0.07	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.37	0.32	< 0.005	0.02	—	0.02	0.01	—	0.01	—	46.2	46.2	< 0.005	< 0.005	—	46.3
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.01	0.15	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.03	5.03	< 0.005	< 0.005	< 0.005	5.49
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	0.01	0.16	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	26.1	26.1	0.01	< 0.005	< 0.005	27.6
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.43	0.43	< 0.005	< 0.005	< 0.005	0.47
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.21	2.21	< 0.005	< 0.005	< 0.005	2.33
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.08
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.37	0.37	< 0.005	< 0.005	< 0.005	0.39

3.3. Site Preparation (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	3.65	36.0	32.9	0.05	1.60	—	1.60	1.47	—	1.47	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	3.65	36.0	32.9	0.05	1.60	—	1.60	1.47	—	1.47	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.61	0.51	5.02	4.60	0.01	0.22	—	0.22	0.21	—	0.21	—	740	740	0.03	0.01	—	742
Dust From Material Movement	—	—	—	—	—	—	1.07	1.07	—	0.55	0.55	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.92	0.84	< 0.005	0.04	—	0.04	0.04	—	0.04	—	123	123	< 0.005	< 0.005	—	123
Dust From Material Movement	—	—	—	—	—	—	0.20	0.20	—	0.10	0.10	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.01	0.16	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.58	6.58	< 0.005	< 0.005	0.01	7.06

Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.35	7.35	< 0.005	< 0.005	0.01	7.74
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.02	0.19	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.46	6.46	< 0.005	< 0.005	< 0.005	7.06
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.41	7.41	< 0.005	< 0.005	< 0.005	7.79
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.91	0.91	< 0.005	< 0.005	< 0.005	0.99
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.03	1.03	< 0.005	< 0.005	< 0.005	1.08
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	< 0.005	0.16
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.18
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Reservoir Excavation (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.64	3.06	29.5	28.3	0.04	1.33	—	1.33	1.22	—	1.22	—	4,478	4,478	0.18	0.04	—	4,493

Dust From Material Movement	—	—	—	—	—	—	5.32	5.32	—	2.65	2.65	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.44	1.38	< 0.005	0.07	—	0.07	0.06	—	0.06	—	219	219	0.01	< 0.005	—	220
Dust From Material Movement	—	—	—	—	—	—	0.26	0.26	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.26	0.25	< 0.005	0.01	—	0.01	0.01	—	0.01	—	36.3	36.3	< 0.005	< 0.005	—	36.4
Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.02	0.21	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	7.18	7.18	< 0.005	< 0.005	< 0.005	7.84
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.41	7.41	< 0.005	< 0.005	< 0.005	7.79
Hauling	0.06	0.03	0.73	0.52	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	121	121	0.03	0.02	< 0.005	128

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.35	0.35	< 0.005	< 0.005	< 0.005	0.39
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.36	0.36	< 0.005	< 0.005	< 0.005	0.38
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.88	5.88	< 0.005	< 0.005	< 0.005	6.21
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.06
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.06
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.97	0.97	< 0.005	< 0.005	< 0.005	1.03

3.7. Reservoir Excavation (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.33	2.80	26.2	26.4	0.04	1.15	—	1.15	1.05	—	1.05	—	4,479	4,479	0.18	0.04	—	4,494
Dust From Material Movement	—	—	—	—	—	—	5.32	5.32	—	2.65	2.65	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.33	2.80	26.2	26.4	0.04	1.15	—	1.15	1.05	—	1.05	—	4,479	4,479	0.18	0.04	—	4,494

Dust From Material Movement	—	—	—	—	—	—	5.32	5.32	—	2.65	2.65	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	0.64	5.94	6.00	0.01	0.26	—	0.26	0.24	—	0.24	—	1,017	1,017	0.04	0.01	—	1,020
Dust From Material Movement	—	—	—	—	—	—	1.21	1.21	—	0.60	0.60	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	1.08	1.10	< 0.005	0.05	—	0.05	0.04	—	0.04	—	168	168	0.01	< 0.005	—	169
Dust From Material Movement	—	—	—	—	—	—	0.22	0.22	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.01	0.17	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	7.16	7.16	< 0.005	< 0.005	0.01	7.69
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.24	7.24	< 0.005	< 0.005	0.01	7.63
Hauling	0.07	0.03	0.69	0.50	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	118	118	0.03	0.02	0.09	124
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.06	0.06	0.02	0.20	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	7.02	7.02	< 0.005	< 0.005	< 0.005	7.68
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.30	7.30	< 0.005	< 0.005	< 0.005	7.68
Hauling	0.06	0.03	0.72	0.52	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	119	119	0.03	0.02	< 0.005	126
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.60	1.60	< 0.005	< 0.005	< 0.005	1.72
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.65	1.65	< 0.005	< 0.005	< 0.005	1.74
Hauling	0.01	0.01	0.16	0.12	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	26.8	26.8	0.01	< 0.005	0.01	28.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.27	0.27	< 0.005	< 0.005	< 0.005	0.29
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.27	0.27	< 0.005	< 0.005	< 0.005	0.29
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.44	4.44	< 0.005	< 0.005	< 0.005	4.69

3.9. Field Surface Replacement (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	0.64	6.13	8.98	0.01	0.28	—	0.28	0.26	—	0.26	—	1,394	1,394	0.06	0.01	—	1,399
Dust From Material Movement	—	—	—	—	—	—	0.21	0.21	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.52	0.76	< 0.005	0.02	—	0.02	0.02	—	0.02	—	118	118	< 0.005	< 0.005	—	119
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	19.6	19.6	< 0.005	< 0.005	—	19.7
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.10	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.51	3.51	< 0.005	< 0.005	< 0.005	3.84
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.65	3.65	< 0.005	< 0.005	< 0.005	3.84
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.30	0.30	< 0.005	< 0.005	< 0.005	0.32
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.31	0.31	< 0.005	< 0.005	< 0.005	0.32

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.05	0.05	< 0.005	< 0.005	< 0.005	0.05
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.05	0.05	< 0.005	< 0.005	< 0.005	0.05
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Reservoir Construction (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.89	2.43	23.5	21.2	0.04	1.00	—	1.00	0.92	—	0.92	—	4,236	4,236	0.17	0.03	—	4,250
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.89	2.43	23.5	21.2	0.04	1.00	—	1.00	0.92	—	0.92	—	4,236	4,236	0.17	0.03	—	4,250
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.99	0.83	8.06	7.25	0.01	0.34	—	0.34	0.31	—	0.31	—	1,451	1,451	0.06	0.01	—	1,456
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.18	0.15	1.47	1.32	< 0.005	0.06	—	0.06	0.06	—	0.06	—	240	240	0.01	< 0.005	—	241
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.08	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.58	3.58	< 0.005	< 0.005	0.01	3.84
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.62	3.62	< 0.005	< 0.005	< 0.005	3.81
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.09	5.09	< 0.005	< 0.005	< 0.005	5.38
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.10	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.51	3.51	< 0.005	< 0.005	< 0.005	3.84
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.65	3.65	< 0.005	< 0.005	< 0.005	3.84
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.14	5.14	< 0.005	< 0.005	< 0.005	5.43
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.21	1.21	< 0.005	< 0.005	< 0.005	1.30
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.24	1.24	< 0.005	< 0.005	< 0.005	1.31
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.75	1.75	< 0.005	< 0.005	< 0.005	1.85
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.20	0.20	< 0.005	< 0.005	< 0.005	0.22
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.21	0.21	< 0.005	< 0.005	< 0.005	0.22
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.29	0.29	< 0.005	< 0.005	< 0.005	0.31

3.13. Pipe/Diversion/Treatment Facility (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.06	0.89	7.96	9.03	0.02	0.32	—	0.32	0.29	—	0.29	—	1,895	1,895	0.08	0.02	—	1,901
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.06	0.89	7.96	9.03	0.02	0.32	—	0.32	0.29	—	0.29	—	1,895	1,895	0.08	0.02	—	1,901
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.15	1.31	1.48	< 0.005	0.05	—	0.05	0.05	—	0.05	—	311	311	0.01	< 0.005	—	313
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.24	0.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	51.6	51.6	< 0.005	< 0.005	—	51.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.08	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.58	3.58	< 0.005	< 0.005	0.01	3.84
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.62	3.62	< 0.005	< 0.005	< 0.005	3.81
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.09	5.09	< 0.005	< 0.005	< 0.005	5.38

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.10	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.51	3.51	< 0.005	< 0.005	< 0.005	3.84
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.65	3.65	< 0.005	< 0.005	< 0.005	3.84
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.14	5.14	< 0.005	< 0.005	< 0.005	5.43
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.58	0.58	< 0.005	< 0.005	< 0.005	0.62
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.60	0.60	< 0.005	< 0.005	< 0.005	0.63
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.84	0.84	< 0.005	< 0.005	< 0.005	0.89
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.10	0.10	< 0.005	< 0.005	< 0.005	0.10
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.10	0.10	< 0.005	< 0.005	< 0.005	0.10
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.14	0.14	< 0.005	< 0.005	< 0.005	0.15

3.15. Upper Terrace/Bleacher Construction (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.65	0.55	5.54	5.26	0.01	0.21	—	0.21	0.19	—	0.19	—	1,347	1,347	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.33	0.31	< 0.005	0.01	—	0.01	0.01	—	0.01	—	79.1	79.1	< 0.005	< 0.005	—	79.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.1	13.1	< 0.005	< 0.005	—	13.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.40	1.40	< 0.005	< 0.005	< 0.005	1.54
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.65	3.65	< 0.005	< 0.005	< 0.005	3.84
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.09
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.21	0.21	< 0.005	< 0.005	< 0.005	0.22
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.01	0.01	< 0.005	< 0.005	< 0.005	0.01
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.04	0.04	< 0.005	< 0.005	< 0.005	0.04
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Upper Terrace/Bleacher Construction (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.53	5.26	5.20	0.01	0.19	—	0.19	0.18	—	0.18	—	1,346	1,346	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.28	0.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	71.1	71.1	< 0.005	< 0.005	—	71.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.8	11.8	< 0.005	< 0.005	—	11.8
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.48
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.60	3.60	< 0.005	< 0.005	< 0.005	3.79
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.19	0.19	< 0.005	< 0.005	< 0.005	0.20
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.01	0.01	< 0.005	< 0.005	< 0.005	0.01
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Community Center Construction (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.53	5.26	5.20	0.01	0.19	—	0.19	0.18	—	0.18	—	1,346	1,346	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.53	5.26	5.20	0.01	0.19	—	0.19	0.18	—	0.18	—	1,346	1,346	0.05	0.01	—	1,351

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.88	0.87	< 0.005	0.03	—	0.03	0.03	—	0.03	—	225	225	0.01	< 0.005	—	226
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	37.3	37.3	< 0.005	< 0.005	—	37.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.40	1.40	< 0.005	< 0.005	< 0.005	1.50
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.56	3.56	< 0.005	< 0.005	< 0.005	3.76
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.48
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.60	3.60	< 0.005	< 0.005	< 0.005	3.79
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.23	0.23	< 0.005	< 0.005	< 0.005	0.25
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.60	0.60	< 0.005	< 0.005	< 0.005	0.63
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.04	0.04	< 0.005	< 0.005	< 0.005	0.04
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.10	0.10	< 0.005	< 0.005	< 0.005	0.10
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.21. Courts/Splash Pad/Amphitheater Construction (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.53	5.26	5.20	0.01	0.19	—	0.19	0.18	—	0.18	—	1,346	1,346	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.53	5.26	5.20	0.01	0.19	—	0.19	0.18	—	0.18	—	1,346	1,346	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.59	0.58	< 0.005	0.02	—	0.02	0.02	—	0.02	—	151	151	0.01	< 0.005	—	152
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.11	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.0	25.0	< 0.005	< 0.005	—	25.1

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.40	1.40	< 0.005	< 0.005	< 0.005	1.50
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.56	3.56	< 0.005	< 0.005	< 0.005	3.76
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.48
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.60	3.60	< 0.005	< 0.005	< 0.005	3.79
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.16	0.16	< 0.005	< 0.005	< 0.005	0.17
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.40	0.40	< 0.005	< 0.005	< 0.005	0.42
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.23. Concrete Pathway Construction (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.05	0.41	0.32	< 0.005	0.02	—	0.02	0.01	—	0.01	—	56.3	56.3	< 0.005	< 0.005	—	56.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.24	3.24	< 0.005	< 0.005	—	3.25
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.54	0.54	< 0.005	< 0.005	—	0.54
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.40	1.40	< 0.005	< 0.005	< 0.005	1.50
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.56	3.56	< 0.005	< 0.005	< 0.005	3.76
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.09
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.21	0.21	< 0.005	< 0.005	< 0.005	0.22
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.01	0.01	< 0.005	< 0.005	< 0.005	0.01
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.04
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.25. Ancillary Park Improvements (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.67	0.56	5.38	5.93	0.01	0.21	—	0.21	0.20	—	0.20	—	1,444	1,444	0.06	0.01	—	1,449
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.59	0.65	< 0.005	0.02	—	0.02	0.02	—	0.02	—	158	158	0.01	< 0.005	—	159
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.11	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	26.2	26.2	< 0.005	< 0.005	—	26.3

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.40	1.40	< 0.005	< 0.005	< 0.005	1.50
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.56	3.56	< 0.005	< 0.005	< 0.005	3.76
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	< 0.005	0.16
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.39	0.39	< 0.005	< 0.005	< 0.005	0.41
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.27. Parking Lots (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.44	0.37	3.48	4.76	0.01	0.15	—	0.15	0.14	—	0.14	—	736	736	0.03	0.01	—	739
Paving	—	0.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.39	0.53	< 0.005	0.02	—	0.02	0.02	—	0.02	—	82.7	82.7	< 0.005	< 0.005	—	83.0
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.7	13.7	< 0.005	< 0.005	—	13.7
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.08	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.50	3.50	< 0.005	< 0.005	0.01	3.76
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.56	3.56	< 0.005	< 0.005	< 0.005	3.76
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.39	0.39	< 0.005	< 0.005	< 0.005	0.42
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.40	0.40	< 0.005	< 0.005	< 0.005	0.42
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.07
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.29. Architectural Coating (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.14	1.51	< 0.005	0.03	—	0.03	0.03	—	0.03	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	5.64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.14	1.51	< 0.005	0.03	—	0.03	0.03	—	0.03	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	5.64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.75	9.75	< 0.005	< 0.005	—	9.79
Architectural Coatings	—	0.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.61	1.61	< 0.005	< 0.005	—	1.62
Architectural Coatings	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.40	1.40	< 0.005	< 0.005	< 0.005	1.50
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.48
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.08

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.01	0.01	< 0.005	< 0.005	< 0.005	0.01
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	10/25/2024	12/6/2024	5.00	31.0	—
Site Preparation	Site Preparation	8/15/2024	10/24/2024	5.00	51.0	—
Reservoir Excavation	Grading	12/7/2024	4/26/2025	5.00	100	—
Field Surface Replacement	Grading	10/20/2025	12/1/2025	5.00	31.0	—

Reservoir Construction	Building Construction	4/27/2025	10/19/2025	5.00	125	—
Pipe/Diversion/Treatment Facility	Building Construction	7/27/2025	10/19/2025	5.00	60.0	—
Upper Terrace/Bleacher Construction	Building Construction	12/2/2025	1/27/2026	5.00	41.0	—
Community Center Construction	Building Construction	1/20/2026	4/14/2026	5.00	61.0	—
Courts/Splash Pad/Amphitheater Construction	Building Construction	3/31/2026	5/26/2026	5.00	41.0	—
Concrete Pathway Construction	Building Construction	5/27/2026	6/24/2026	5.00	21.0	—
Ancillary Park Improvements	Building Construction	6/20/2026	8/15/2026	5.00	40.0	—
Parking Lots	Paving	5/12/2026	7/7/2026	5.00	41.0	—
Architectural Coating	Architectural Coating	3/18/2026	4/14/2026	5.00	20.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Demolition	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Reservoir Excavation	Graders	Diesel	Average	1.00	8.00	148	0.41
Reservoir Excavation	Excavators	Diesel	Average	2.00	8.00	36.0	0.38

Reservoir Excavation	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Reservoir Excavation	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Field Surface Replacement	Graders	Diesel	Average	1.00	8.00	148	0.41
Field Surface Replacement	Skid Steer Loaders	Diesel	Average	1.00	8.00	71.0	0.37
Field Surface Replacement	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Reservoir Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Reservoir Construction	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Reservoir Construction	Skid Steer Loaders	Diesel	Average	2.00	8.00	71.0	0.37
Pipe/Diversion/Treatment Facility	Cranes	Diesel	Average	1.00	8.00	367	0.29
Pipe/Diversion/Treatment Facility	Trenchers	Diesel	Average	2.00	8.00	40.0	0.50
Pipe/Diversion/Treatment Facility	Skid Steer Loaders	Diesel	Average	2.00	8.00	71.0	0.37
Upper Terrace/Bleacher Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Upper Terrace/Bleacher Construction	Forklifts	Diesel	Average	1.00	8.00	82.0	0.20
Upper Terrace/Bleacher Construction	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Upper Terrace/Bleacher Construction	Aerial Lifts	Diesel	Average	1.00	8.00	46.0	0.31
Community Center Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Community Center Construction	Forklifts	Diesel	Average	1.00	8.00	82.0	0.20

Community Center Construction	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Community Center Construction	Aerial Lifts	Diesel	Average	1.00	8.00	46.0	0.31
Courts/Splash Pad/Amphitheater Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Courts/Splash Pad/Amphitheater Construction	Forklifts	Diesel	Average	1.00	8.00	82.0	0.20
Courts/Splash Pad/Amphitheater Construction	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Courts/Splash Pad/Amphitheater Construction	Aerial Lifts	Diesel	Average	1.00	8.00	46.0	0.31
Concrete Pathway Construction	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Ancillary Park Improvements	Cranes	Diesel	Average	1.00	8.00	367	0.29
Ancillary Park Improvements	Skid Steer Loaders	Diesel	Average	1.00	8.00	71.0	0.37
Ancillary Park Improvements	Forklifts	Diesel	Average	1.00	8.00	82.0	0.20
Ancillary Park Improvements	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Parking Lots	Skid Steer Loaders	Diesel	Average	1.00	8.00	71.0	0.37
Parking Lots	Rollers	Diesel	Average	1.00	8.00	36.0	0.38
Parking Lots	Plate Compactors	Diesel	Average	1.00	8.00	8.00	0.43
Parking Lots	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	18.0	0.25	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00	0.25	HHDT,MHDT
Site Preparation	Hauling	0.00	0.25	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Reservoir Excavation	—	—	—	—
Reservoir Excavation	Worker	20.0	0.25	LDA,LDT1,LDT2
Reservoir Excavation	Vendor	4.00	0.25	HHDT,MHDT
Reservoir Excavation	Hauling	46.3	0.25	HHDT
Reservoir Excavation	Onsite truck	—	—	HHDT
Reservoir Construction	—	—	—	—
Reservoir Construction	Worker	10.0	0.25	LDA,LDT1,LDT2
Reservoir Construction	Vendor	2.00	0.25	HHDT,MHDT
Reservoir Construction	Hauling	2.00	0.25	HHDT
Reservoir Construction	Onsite truck	—	—	HHDT
Parking Lots	—	—	—	—
Parking Lots	Worker	10.0	0.25	LDA,LDT1,LDT2
Parking Lots	Vendor	2.00	0.25	HHDT,MHDT
Parking Lots	Hauling	0.00	0.25	HHDT
Parking Lots	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	4.00	0.25	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	0.25	HHDT,MHDT
Architectural Coating	Hauling	0.00	0.25	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

Demolition	—	—	—	—
Demolition	Worker	14.0	0.25	LDA,LDT1,LDT2
Demolition	Vendor	—	0.25	HHDT,MHDT
Demolition	Hauling	10.0	0.25	HHDT
Demolition	Onsite truck	—	—	HHDT
Field Surface Replacement	—	—	—	—
Field Surface Replacement	Worker	10.0	0.25	LDA,LDT1,LDT2
Field Surface Replacement	Vendor	2.00	0.25	HHDT,MHDT
Field Surface Replacement	Hauling	0.00	0.25	HHDT
Field Surface Replacement	Onsite truck	—	—	HHDT
Pipe/Diversion/Treatment Facility	—	—	—	—
Pipe/Diversion/Treatment Facility	Worker	10.0	0.25	LDA,LDT1,LDT2
Pipe/Diversion/Treatment Facility	Vendor	2.00	0.25	HHDT,MHDT
Pipe/Diversion/Treatment Facility	Hauling	2.00	0.25	HHDT
Pipe/Diversion/Treatment Facility	Onsite truck	—	—	HHDT
Upper Terrace/Bleacher Construction	—	—	—	—
Upper Terrace/Bleacher Construction	Worker	4.00	0.25	LDA,LDT1,LDT2
Upper Terrace/Bleacher Construction	Vendor	2.00	0.25	HHDT,MHDT
Upper Terrace/Bleacher Construction	Hauling	0.00	0.25	HHDT
Upper Terrace/Bleacher Construction	Onsite truck	—	—	HHDT
Community Center Construction	—	—	—	—
Community Center Construction	Worker	4.00	0.25	LDA,LDT1,LDT2
Community Center Construction	Vendor	2.00	0.25	HHDT,MHDT
Community Center Construction	Hauling	0.00	0.25	HHDT
Community Center Construction	Onsite truck	—	—	HHDT
Courts/Splash Pad/Amphitheater Construction	—	—	—	—

Courts/Splash Pad/Amphitheater Construction	Worker	4.00	0.25	LDA,LDT1,LDT2
Courts/Splash Pad/Amphitheater Construction	Vendor	2.00	0.25	HHDT,MHDT
Courts/Splash Pad/Amphitheater Construction	Hauling	0.00	0.25	HHDT
Courts/Splash Pad/Amphitheater Construction	Onsite truck	—	—	HHDT
Concrete Pathway Construction	—	—	—	—
Concrete Pathway Construction	Worker	4.00	0.25	LDA,LDT1,LDT2
Concrete Pathway Construction	Vendor	2.00	0.25	HHDT,MHDT
Concrete Pathway Construction	Hauling	0.00	0.25	HHDT
Concrete Pathway Construction	Onsite truck	—	—	HHDT
Ancillary Park Improvements	—	—	—	—
Ancillary Park Improvements	Worker	4.00	0.25	LDA,LDT1,LDT2
Ancillary Park Improvements	Vendor	2.00	0.25	HHDT,MHDT
Ancillary Park Improvements	Hauling	0.00	0.25	HHDT
Ancillary Park Improvements	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	12,750	4,250	7,318

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	1,222	—
Site Preparation	—	—	76.5	0.00	—
Reservoir Excavation	—	37,000	150	0.00	—
Field Surface Replacement	—	—	15.5	0.00	—
Parking Lots	0.00	0.00	0.00	0.00	2.80

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
City Park	0.00	0%
Parking Lot	1.39	100%
Other Non-Asphalt Surfaces	1.41	0%
General Office Building	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	532	0.03	< 0.005

2025	0.00	532	0.03	< 0.005
2026	0.00	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	10.4	annual days of extreme heat
Extreme Precipitation	4.50	annual days with precipitation above 20 mm

Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

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

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score

Temperature and Extreme Heat	1	1	1	2
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	42.6
AQ-PM	74.9
AQ-DPM	38.1
Drinking Water	66.2
Lead Risk Housing	75.5
Pesticides	0.00
Toxic Releases	90.7

Traffic	83.0
Effect Indicators	—
CleanUp Sites	5.69
Groundwater	59.6
Haz Waste Facilities/Generators	50.5
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	40.5
Cardio-vascular	65.3
Low Birth Weights	39.0
Socioeconomic Factor Indicators	—
Education	85.4
Housing	64.8
Linguistic	74.8
Poverty	47.8
Unemployment	86.2

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	30.41190812
Employed	40.65186706
Median HI	53.75336841
Education	—
Bachelor's or higher	13.64044655

High school enrollment	100
Preschool enrollment	32.04157577
Transportation	—
Auto Access	73.42486847
Active commuting	54.89541897
Social	—
2-parent households	42.2302066
Voting	13.69177467
Neighborhood	—
Alcohol availability	21.73745669
Park access	62.60746824
Retail density	89.58039266
Supermarket access	94.25125112
Tree canopy	24.61183113
Housing	—
Homeownership	62.06852303
Housing habitability	42.75631977
Low-inc homeowner severe housing cost burden	53.49672783
Low-inc renter severe housing cost burden	40.58770692
Uncrowded housing	12.81919672
Health Outcomes	—
Insured adults	17.70819967
Arthritis	71.8
Asthma ER Admissions	53.9
High Blood Pressure	75.3
Cancer (excluding skin)	74.5
Asthma	65.7

Coronary Heart Disease	47.4
Chronic Obstructive Pulmonary Disease	68.2
Diagnosed Diabetes	19.9
Life Expectancy at Birth	76.8
Cognitively Disabled	58.3
Physically Disabled	42.3
Heart Attack ER Admissions	34.3
Mental Health Not Good	39.0
Chronic Kidney Disease	27.1
Obesity	34.9
Pedestrian Injuries	83.9
Physical Health Not Good	31.5
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	57.0
Current Smoker	49.4
No Leisure Time for Physical Activity	29.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	35.2
Elderly	54.5
English Speaking	30.5
Foreign-born	69.5
Outdoor Workers	29.5
Climate Change Adaptive Capacity	—
Impervious Surface Cover	11.0

Traffic Density	43.7
Traffic Access	23.0
Other Indices	—
Hardship	75.6
Other Decision Support	—
2016 Voting	30.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	69.0
Healthy Places Index Score for Project Location (b)	36.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification

Land Use	9-acre total park including 8,500 sf community building (modeled as General Office), courts/sidewalks, and 154 space parking lot
Construction: Construction Phases	Adjusted the construction phases and duration based on the Project Description
Construction: Off-Road Equipment	Adjusted default equipment mix based on Project Description
Construction: Trips and VMT	Rounded trips up to nearest even number. Added vendor trips to account for water trucks during site preparation and grading. Also added vendor and haul trucks during reservoir construction and pipeline/diversion/treatment facility phases to account for precast concrete and other structural/material import. For HRA/LST, reduced vehicle trip lengths to 0.25 miles to account for on-site/ pass by localized emissions

Hermosillo Park Stormwater Capture Project - Construction HRA/LST - Mitigated Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.3. Construction Emissions by Year, Mitigated

3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

3.2. Demolition (2024) - Mitigated

3.3. Site Preparation (2024) - Unmitigated

3.4. Site Preparation (2024) - Mitigated

3.5. Reservoir Excavation (2024) - Unmitigated

3.6. Reservoir Excavation (2024) - Mitigated

3.7. Reservoir Excavation (2025) - Unmitigated

3.8. Reservoir Excavation (2025) - Mitigated

3.9. Field Surface Replacement (2025) - Unmitigated

3.10. Field Surface Replacement (2025) - Mitigated

3.11. Reservoir Construction (2025) - Unmitigated

3.12. Reservoir Construction (2025) - Mitigated

3.13. Pipe/Diversion/Treatment Facility (2025) - Unmitigated

3.14. Pipe/Diversion/Treatment Facility (2025) - Mitigated

3.15. Upper Terrace/Bleacher Construction (2025) - Unmitigated

3.16. Upper Terrace/Bleacher Construction (2025) - Mitigated

3.17. Upper Terrace/Bleacher Construction (2026) - Unmitigated

3.18. Upper Terrace/Bleacher Construction (2026) - Mitigated

3.19. Community Center Construction (2026) - Unmitigated

3.20. Community Center Construction (2026) - Mitigated

3.21. Courts/Splash Pad/Amphitheater Construction (2026) - Unmitigated

3.22. Courts/Splash Pad/Amphitheater Construction (2026) - Mitigated

3.23. Concrete Pathway Construction (2026) - Unmitigated

3.24. Concrete Pathway Construction (2026) - Mitigated

3.25. Ancillary Park Improvements (2026) - Unmitigated

3.26. Ancillary Park Improvements (2026) - Mitigated

3.27. Parking Lots (2026) - Unmitigated

3.28. Parking Lots (2026) - Mitigated

3.29. Architectural Coating (2026) - Unmitigated

3.30. Architectural Coating (2026) - Mitigated

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Hermosillo Park Stormwater Capture Project - Construction HRA/LST - Mitigated
Construction Start Date	8/15/2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	8.00
Location	11959 162nd St, Norwalk, CA 90650, USA
County	Los Angeles-South Coast
City	Norwalk
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4886
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.21

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
City Park	6.00	Acre	6.00	0.00	261,360	261,360	—	—

Parking Lot	154	Space	1.39	0.00	0.00	—	—	—
Other Non-Asphalt Surfaces	131	1000sqft	1.41	0.00	0.00	—	—	—
General Office Building	8.50	1000sqft	0.20	8,500	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Construction	C-10-A	Water Exposed Surfaces

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.40	6.90	36.0	33.1	0.06	1.60	19.7	21.3	1.47	10.1	11.6	—	6,155	6,155	0.26	0.06	0.12	6,177
Mit.	1.37	6.29	17.7	32.4	0.06	0.31	5.11	5.21	0.29	2.63	2.73	—	6,155	6,155	0.26	0.06	0.12	6,177
% Reduced	69%	9%	51%	2%	—	81%	74%	75%	80%	74%	76%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.40	6.90	36.0	33.2	0.06	1.60	19.7	21.3	1.47	10.1	11.6	—	6,155	6,155	0.26	0.06	< 0.005	6,178
Mit.	1.37	6.29	17.7	32.4	0.06	0.31	5.11	5.21	0.29	2.63	2.73	—	6,155	6,155	0.26	0.06	< 0.005	6,178

% Reduced	69%	9%	51%	2%	—	81%	74%	75%	80%	74%	76%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.07	1.74	16.4	16.1	0.03	0.69	3.49	3.86	0.63	1.76	2.18	—	3,013	3,013	0.13	0.03	0.02	3,026
Mit.	0.58	0.53	8.95	16.4	0.03	0.11	0.96	0.99	0.10	0.46	0.51	—	3,013	3,013	0.13	0.03	0.02	3,026
% Reduced	72%	70%	45%	-2%	—	84%	72%	74%	84%	74%	77%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.38	0.32	2.99	2.93	0.01	0.13	0.64	0.70	0.12	0.32	0.40	—	499	499	0.02	0.01	< 0.005	501
Mit.	0.11	0.10	1.63	2.98	0.01	0.02	0.18	0.18	0.02	0.08	0.09	—	499	499	0.02	0.01	< 0.005	501
% Reduced	72%	70%	45%	-2%	—	84%	72%	74%	84%	74%	77%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	4.40	3.71	36.0	33.1	0.05	1.60	19.7	21.3	1.47	10.1	11.6	—	5,310	5,310	0.22	0.05	0.02	5,329
2025	4.02	3.38	31.6	30.4	0.06	1.31	13.7	14.8	1.21	6.80	7.85	—	6,155	6,155	0.26	0.06	0.12	6,177
2026	1.51	6.90	11.7	12.0	0.03	0.42	< 0.005	0.42	0.39	< 0.005	0.39	—	2,882	2,882	0.12	0.03	0.02	2,893
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	4.40	3.71	36.0	33.2	0.05	1.60	19.7	21.3	1.47	10.1	11.6	—	5,310	5,310	0.22	0.06	< 0.005	5,329
2025	4.02	3.38	31.6	30.5	0.06	1.31	13.7	14.8	1.21	6.80	7.85	—	6,155	6,155	0.26	0.06	< 0.005	6,178
2026	1.51	6.90	11.7	12.1	0.03	0.42	< 0.005	0.42	0.39	< 0.005	0.39	—	2,882	2,882	0.12	0.03	< 0.005	2,893

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.06	0.89	8.57	7.83	0.01	0.38	3.49	3.86	0.35	1.76	2.10	—	1,249	1,249	0.05	0.01	< 0.005	1,254
2025	2.07	1.74	16.4	16.1	0.03	0.69	3.15	3.84	0.63	1.55	2.18	—	3,013	3,013	0.13	0.03	0.02	3,026
2026	0.36	0.62	2.83	3.05	0.01	0.11	< 0.005	0.11	0.10	< 0.005	0.10	—	705	705	0.03	0.01	< 0.005	707
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.19	0.16	1.56	1.43	< 0.005	0.07	0.64	0.70	0.06	0.32	0.38	—	207	207	0.01	< 0.005	< 0.005	208
2025	0.38	0.32	2.99	2.93	0.01	0.13	0.57	0.70	0.12	0.28	0.40	—	499	499	0.02	0.01	< 0.005	501
2026	0.07	0.11	0.52	0.56	< 0.005	0.02	< 0.005	0.02	0.02	< 0.005	0.02	—	117	117	< 0.005	< 0.005	< 0.005	117

2.3. Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.71	0.70	14.8	28.5	0.05	0.10	5.11	5.21	0.10	2.63	2.73	—	5,310	5,310	0.22	0.05	0.02	5,329
2025	1.37	1.24	17.7	32.4	0.06	0.31	3.56	3.69	0.29	1.77	1.90	—	6,155	6,155	0.26	0.06	0.12	6,177
2026	0.73	6.29	9.55	15.7	0.03	0.15	< 0.005	0.16	0.14	< 0.005	0.15	—	2,882	2,882	0.12	0.03	0.02	2,893
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.90	0.82	15.0	28.5	0.05	0.16	5.11	5.21	0.15	2.63	2.73	—	5,310	5,310	0.22	0.06	< 0.005	5,329
2025	1.37	1.24	17.7	32.4	0.06	0.31	3.56	3.69	0.29	1.77	1.90	—	6,155	6,155	0.26	0.06	< 0.005	6,178
2026	0.73	6.29	9.55	15.7	0.03	0.12	< 0.005	0.12	0.11	< 0.005	0.11	—	2,882	2,882	0.12	0.03	< 0.005	2,893
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.21	0.20	3.66	6.77	0.01	0.03	0.96	0.99	0.03	0.46	0.50	—	1,249	1,249	0.05	0.01	< 0.005	1,254
2025	0.58	0.53	8.95	16.4	0.03	0.11	0.82	0.93	0.10	0.40	0.51	—	3,013	3,013	0.13	0.03	0.02	3,026

2026	0.17	0.48	2.33	3.89	0.01	0.03	< 0.005	0.03	0.03	< 0.005	0.03	—	705	705	0.03	0.01	< 0.005	707
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.04	0.04	0.67	1.23	< 0.005	0.01	0.18	0.18	0.01	0.08	0.09	—	207	207	0.01	< 0.005	< 0.005	208
2025	0.11	0.10	1.63	2.98	0.01	0.02	0.15	0.17	0.02	0.07	0.09	—	499	499	0.02	0.01	< 0.005	501
2026	0.03	0.09	0.42	0.71	< 0.005	0.01	< 0.005	0.01	0.01	< 0.005	0.01	—	117	117	< 0.005	< 0.005	< 0.005	117

3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.00	2.52	24.0	20.7	0.03	1.03	—	1.03	0.95	—	0.95	—	3,284	3,284	0.13	0.03	—	3,295
Demolition	—	—	—	—	—	—	0.83	0.83	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.21	2.04	1.76	< 0.005	0.09	—	0.09	0.08	—	0.08	—	279	279	0.01	< 0.005	—	280
Demolition	—	—	—	—	—	—	0.07	0.07	—	0.01	0.01	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.37	0.32	< 0.005	0.02	—	0.02	0.01	—	0.01	—	46.2	46.2	< 0.005	< 0.005	—	46.3
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.01	0.15	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.03	5.03	< 0.005	< 0.005	< 0.005	5.49
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	0.01	0.16	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	26.1	26.1	0.01	< 0.005	< 0.005	27.6
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.43	0.43	< 0.005	< 0.005	< 0.005	0.47
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.21	2.21	< 0.005	< 0.005	< 0.005	2.33
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.08
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.37	0.37	< 0.005	< 0.005	< 0.005	0.39

3.2. Demolition (2024) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.79	0.71	9.96	17.3	0.03	0.16	—	0.16	0.15	—	0.15	—	3,284	3,284	0.13	0.03	—	3,295
Demolition	—	—	—	—	—	—	0.83	0.83	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.85	1.47	< 0.005	0.01	—	0.01	0.01	—	0.01	—	279	279	0.01	< 0.005	—	280
Demolition	—	—	—	—	—	—	0.07	0.07	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.15	0.27	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	46.2	46.2	< 0.005	< 0.005	—	46.3
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.01	0.15	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.03	5.03	< 0.005	< 0.005	< 0.005	5.49
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	0.01	0.16	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	26.1	26.1	0.01	< 0.005	< 0.005	27.6
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.43	0.43	< 0.005	< 0.005	< 0.005	0.47
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.21	2.21	< 0.005	< 0.005	< 0.005	2.33
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.08
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.37	0.37	< 0.005	< 0.005	< 0.005	0.39

3.3. Site Preparation (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	3.65	36.0	32.9	0.05	1.60	—	1.60	1.47	—	1.47	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	3.65	36.0	32.9	0.05	1.60	—	1.60	1.47	—	1.47	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.61	0.51	5.02	4.60	0.01	0.22	—	0.22	0.21	—	0.21	—	740	740	0.03	0.01	—	742
Dust From Material Movement	—	—	—	—	—	—	2.75	2.75	—	1.41	1.41	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.92	0.84	< 0.005	0.04	—	0.04	0.04	—	0.04	—	123	123	< 0.005	< 0.005	—	123
Dust From Material Movement	—	—	—	—	—	—	0.50	0.50	—	0.26	0.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.01	0.16	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.58	6.58	< 0.005	< 0.005	0.01	7.06

Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.35	7.35	< 0.005	< 0.005	0.01	7.74
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.02	0.19	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.46	6.46	< 0.005	< 0.005	< 0.005	7.06
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.41	7.41	< 0.005	< 0.005	< 0.005	7.79
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.91	0.91	< 0.005	< 0.005	< 0.005	0.99
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.03	1.03	< 0.005	< 0.005	< 0.005	1.08
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	< 0.005	0.16
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.18
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Site Preparation (2024) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.64	14.7	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,296	5,296	0.21	0.04	—	5,314

Dust From Material Movement	—	—	—	—	—	—	5.11	5.11	—	2.63	2.63	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.64	14.7	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	5.11	5.11	—	2.63	2.63	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	2.06	3.96	0.01	0.01	—	0.01	0.01	—	0.01	—	740	740	0.03	0.01	—	742
Dust From Material Movement	—	—	—	—	—	—	0.71	0.71	—	0.37	0.37	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.38	0.72	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	123	123	< 0.005	< 0.005	—	123
Dust From Material Movement	—	—	—	—	—	—	0.13	0.13	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.01	0.16	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.58	6.58	< 0.005	< 0.005	0.01	7.06
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.35	7.35	< 0.005	< 0.005	0.01	7.74
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.02	0.19	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.46	6.46	< 0.005	< 0.005	< 0.005	7.06
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.41	7.41	< 0.005	< 0.005	< 0.005	7.79
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.91	0.91	< 0.005	< 0.005	< 0.005	0.99
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.03	1.03	< 0.005	< 0.005	< 0.005	1.08
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	< 0.005	0.16
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.18
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Reservoir Excavation (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.64	3.06	29.5	28.3	0.04	1.33	—	1.33	1.22	—	1.22	—	4,478	4,478	0.18	0.04	—	4,493
Dust From Material Movement	—	—	—	—	—	—	13.6	13.6	—	6.79	6.79	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.44	1.38	< 0.005	0.07	—	0.07	0.06	—	0.06	—	219	219	0.01	< 0.005	—	220
Dust From Material Movement	—	—	—	—	—	—	0.67	0.67	—	0.33	0.33	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.26	0.25	< 0.005	0.01	—	0.01	0.01	—	0.01	—	36.3	36.3	< 0.005	< 0.005	—	36.4
Dust From Material Movement	—	—	—	—	—	—	0.12	0.12	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.02	0.21	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	7.18	7.18	< 0.005	< 0.005	< 0.005	7.84
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.41	7.41	< 0.005	< 0.005	< 0.005	7.79
Hauling	0.06	0.03	0.73	0.52	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	121	121	0.03	0.02	< 0.005	128
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.35	0.35	< 0.005	< 0.005	< 0.005	0.39
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.36	0.36	< 0.005	< 0.005	< 0.005	0.38
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.88	5.88	< 0.005	< 0.005	< 0.005	6.21
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.06
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.06
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.97	0.97	< 0.005	< 0.005	< 0.005	1.03

3.6. Reservoir Excavation (2024) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.73	14.2	25.5	0.04	0.14	—	0.14	0.13	—	0.13	—	4,478	4,478	0.18	0.04	—	4,493

Dust From Material Movement	—	—	—	—	—	—	3.55	3.55	—	1.77	1.77	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.70	1.25	< 0.005	0.01	—	0.01	0.01	—	0.01	—	219	219	0.01	< 0.005	—	220
Dust From Material Movement	—	—	—	—	—	—	0.17	0.17	—	0.09	0.09	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.13	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	36.3	36.3	< 0.005	< 0.005	—	36.4
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.02	0.21	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	7.18	7.18	< 0.005	< 0.005	< 0.005	7.84
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.41	7.41	< 0.005	< 0.005	< 0.005	7.79
Hauling	0.06	0.03	0.73	0.52	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	121	121	0.03	0.02	< 0.005	128

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.35	0.35	< 0.005	< 0.005	< 0.005	0.39
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.36	0.36	< 0.005	< 0.005	< 0.005	0.38
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.88	5.88	< 0.005	< 0.005	< 0.005	6.21
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.06
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.06
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.97	0.97	< 0.005	< 0.005	< 0.005	1.03

3.7. Reservoir Excavation (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.33	2.80	26.2	26.4	0.04	1.15	—	1.15	1.05	—	1.05	—	4,479	4,479	0.18	0.04	—	4,494
Dust From Material Movement	—	—	—	—	—	—	13.6	13.6	—	6.79	6.79	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.33	2.80	26.2	26.4	0.04	1.15	—	1.15	1.05	—	1.05	—	4,479	4,479	0.18	0.04	—	4,494

Dust From Material Movement	—	—	—	—	—	—	13.6	13.6	—	6.79	6.79	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	0.64	5.94	6.00	0.01	0.26	—	0.26	0.24	—	0.24	—	1,017	1,017	0.04	0.01	—	1,020
Dust From Material Movement	—	—	—	—	—	—	3.10	3.10	—	1.54	1.54	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	1.08	1.10	< 0.005	0.05	—	0.05	0.04	—	0.04	—	168	168	0.01	< 0.005	—	169
Dust From Material Movement	—	—	—	—	—	—	0.57	0.57	—	0.28	0.28	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.01	0.17	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	7.16	7.16	< 0.005	< 0.005	0.01	7.69
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.24	7.24	< 0.005	< 0.005	0.01	7.63
Hauling	0.07	0.03	0.69	0.50	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	118	118	0.03	0.02	0.09	124
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.06	0.06	0.02	0.20	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	7.02	7.02	< 0.005	< 0.005	< 0.005	7.68
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.30	7.30	< 0.005	< 0.005	< 0.005	7.68
Hauling	0.06	0.03	0.72	0.52	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	119	119	0.03	0.02	< 0.005	126
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.60	1.60	< 0.005	< 0.005	< 0.005	1.72
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.65	1.65	< 0.005	< 0.005	< 0.005	1.74
Hauling	0.01	0.01	0.16	0.12	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	26.8	26.8	0.01	< 0.005	0.01	28.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.27	0.27	< 0.005	< 0.005	< 0.005	0.29
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.27	0.27	< 0.005	< 0.005	< 0.005	0.29
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.44	4.44	< 0.005	< 0.005	< 0.005	4.69

3.8. Reservoir Excavation (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	0.72	14.2	25.5	0.04	0.13	—	0.13	0.13	—	0.13	—	4,479	4,479	0.18	0.04	—	4,494
Dust From Material Movement	—	—	—	—	—	—	3.55	3.55	—	1.77	1.77	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.76	0.72	14.2	25.5	0.04	0.13	—	0.13	0.13	—	0.13	—	4,479	4,479	0.18	0.04	—	4,494
Dust From Material Movement	—	—	—	—	—	—	3.55	3.55	—	1.77	1.77	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.16	3.22	5.80	0.01	0.03	—	0.03	0.03	—	0.03	—	1,017	1,017	0.04	0.01	—	1,020
Dust From Material Movement	—	—	—	—	—	—	0.81	0.81	—	0.40	0.40	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.59	1.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	168	168	0.01	< 0.005	—	169
Dust From Material Movement	—	—	—	—	—	—	0.15	0.15	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.01	0.17	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	7.16	7.16	< 0.005	< 0.005	0.01	7.69
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.24	7.24	< 0.005	< 0.005	0.01	7.63
Hauling	0.07	0.03	0.69	0.50	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	118	118	0.03	0.02	0.09	124

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.02	0.20	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	7.02	7.02	< 0.005	< 0.005	< 0.005	7.68
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.30	7.30	< 0.005	< 0.005	< 0.005	7.68
Hauling	0.06	0.03	0.72	0.52	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	119	119	0.03	0.02	< 0.005	126
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.60	1.60	< 0.005	< 0.005	< 0.005	1.72
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.65	1.65	< 0.005	< 0.005	< 0.005	1.74
Hauling	0.01	0.01	0.16	0.12	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	26.8	26.8	0.01	< 0.005	0.01	28.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.27	0.27	< 0.005	< 0.005	< 0.005	0.29
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.27	0.27	< 0.005	< 0.005	< 0.005	0.29
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.44	4.44	< 0.005	< 0.005	< 0.005	4.69

3.9. Field Surface Replacement (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	0.64	6.13	8.98	0.01	0.28	—	0.28	0.26	—	0.26	—	1,394	1,394	0.06	0.01	—	1,399

Dust From Material Movement	—	—	—	—	—	—	0.53	0.53	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.52	0.76	< 0.005	0.02	—	0.02	0.02	—	0.02	—	118	118	< 0.005	< 0.005	—	119
Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	19.6	19.6	< 0.005	< 0.005	—	19.7
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.10	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.51	3.51	< 0.005	< 0.005	< 0.005	3.84
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.65	3.65	< 0.005	< 0.005	< 0.005	3.84
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.30	0.30	< 0.005	< 0.005	< 0.005	0.32
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.31	0.31	< 0.005	< 0.005	< 0.005	0.32
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.05	0.05	< 0.005	< 0.005	< 0.005	0.05
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.05	0.05	< 0.005	< 0.005	< 0.005	0.05
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Field Surface Replacement (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.24	5.52	9.52	0.01	0.05	—	0.05	0.05	—	0.05	—	1,394	1,394	0.06	0.01	—	1,399
Dust From Material Movement	—	—	—	—	—	—	0.14	0.14	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.47	0.81	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	118	118	< 0.005	< 0.005	—	119

Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.09	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	19.6	19.6	< 0.005	< 0.005	—	19.7
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.10	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.51	3.51	< 0.005	< 0.005	< 0.005	3.84
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.65	3.65	< 0.005	< 0.005	< 0.005	3.84
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.30	0.30	< 0.005	< 0.005	< 0.005	0.32
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.31	0.31	< 0.005	< 0.005	< 0.005	0.32
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.05	0.05	< 0.005	< 0.005	< 0.005	0.05
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.05	0.05	< 0.005	< 0.005	< 0.005	0.05

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Reservoir Construction (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.89	2.43	23.5	21.2	0.04	1.00	—	1.00	0.92	—	0.92	—	4,236	4,236	0.17	0.03	—	4,250
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.89	2.43	23.5	21.2	0.04	1.00	—	1.00	0.92	—	0.92	—	4,236	4,236	0.17	0.03	—	4,250
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.99	0.83	8.06	7.25	0.01	0.34	—	0.34	0.31	—	0.31	—	1,451	1,451	0.06	0.01	—	1,456
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.47	1.32	< 0.005	0.06	—	0.06	0.06	—	0.06	—	240	240	0.01	< 0.005	—	241
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.08	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.58	3.58	< 0.005	< 0.005	0.01	3.84
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.62	3.62	< 0.005	< 0.005	< 0.005	3.81
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.09	5.09	< 0.005	< 0.005	< 0.005	5.38
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.10	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.51	3.51	< 0.005	< 0.005	< 0.005	3.84
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.65	3.65	< 0.005	< 0.005	< 0.005	3.84
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.14	5.14	< 0.005	< 0.005	< 0.005	5.43
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.21	1.21	< 0.005	< 0.005	< 0.005	1.30
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.24	1.24	< 0.005	< 0.005	< 0.005	1.31
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.75	1.75	< 0.005	< 0.005	< 0.005	1.85
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.20	0.20	< 0.005	< 0.005	< 0.005	0.22
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.21	0.21	< 0.005	< 0.005	< 0.005	0.22
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.29	0.29	< 0.005	< 0.005	< 0.005	0.31

3.12. Reservoir Construction (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.58	0.55	10.8	21.4	0.04	0.12	—	0.12	0.12	—	0.12	—	4,236	4,236	0.17	0.03	—	4,250
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.58	0.55	10.8	21.4	0.04	0.12	—	0.12	0.12	—	0.12	—	4,236	4,236	0.17	0.03	—	4,250
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.19	3.71	7.31	0.01	0.04	—	0.04	0.04	—	0.04	—	1,451	1,451	0.06	0.01	—	1,456
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.68	1.33	< 0.005	0.01	—	0.01	0.01	—	0.01	—	240	240	0.01	< 0.005	—	241
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.08	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.58	3.58	< 0.005	< 0.005	0.01	3.84
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.62	3.62	< 0.005	< 0.005	< 0.005	3.81
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.09	5.09	< 0.005	< 0.005	< 0.005	5.38
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.10	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.51	3.51	< 0.005	< 0.005	< 0.005	3.84

Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.65	3.65	< 0.005	< 0.005	< 0.005	3.84
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.14	5.14	< 0.005	< 0.005	< 0.005	5.43
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.21	1.21	< 0.005	< 0.005	< 0.005	1.30
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.24	1.24	< 0.005	< 0.005	< 0.005	1.31
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.75	1.75	< 0.005	< 0.005	< 0.005	1.85
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.20	0.20	< 0.005	< 0.005	< 0.005	0.22
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.21	0.21	< 0.005	< 0.005	< 0.005	0.22
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.29	0.29	< 0.005	< 0.005	< 0.005	0.31

3.13. Pipe/Diversion/Treatment Facility (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.06	0.89	7.96	9.03	0.02	0.32	—	0.32	0.29	—	0.29	—	1,895	1,895	0.08	0.02	—	1,901
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.06	0.89	7.96	9.03	0.02	0.32	—	0.32	0.29	—	0.29	—	1,895	1,895	0.08	0.02	—	1,901
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.15	1.31	1.48	< 0.005	0.05	—	0.05	0.05	—	0.05	—	311	311	0.01	< 0.005	—	313
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.24	0.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	51.6	51.6	< 0.005	< 0.005	—	51.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.08	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.58	3.58	< 0.005	< 0.005	0.01	3.84
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.62	3.62	< 0.005	< 0.005	< 0.005	3.81
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.09	5.09	< 0.005	< 0.005	< 0.005	5.38
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.10	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.51	3.51	< 0.005	< 0.005	< 0.005	3.84
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.65	3.65	< 0.005	< 0.005	< 0.005	3.84
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.14	5.14	< 0.005	< 0.005	< 0.005	5.43
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.58	0.58	< 0.005	< 0.005	< 0.005	0.62
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.60	0.60	< 0.005	< 0.005	< 0.005	0.63
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.84	0.84	< 0.005	< 0.005	< 0.005	0.89
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.10	0.10	< 0.005	< 0.005	< 0.005	0.10

Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.10	0.10	< 0.005	< 0.005	< 0.005	0.10
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.14	0.14	< 0.005	< 0.005	< 0.005	0.15

3.14. Pipe/Diversion/Treatment Facility (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.72	0.62	6.72	10.8	0.02	0.19	—	0.19	0.17	—	0.17	—	1,895	1,895	0.08	0.02	—	1,901
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.72	0.62	6.72	10.8	0.02	0.19	—	0.19	0.17	—	0.17	—	1,895	1,895	0.08	0.02	—	1,901
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	1.10	1.77	< 0.005	0.03	—	0.03	0.03	—	0.03	—	311	311	0.01	< 0.005	—	313
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.20	0.32	< 0.005	0.01	—	0.01	0.01	—	0.01	—	51.6	51.6	< 0.005	< 0.005	—	51.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.08	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.58	3.58	< 0.005	< 0.005	0.01	3.84
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.62	3.62	< 0.005	< 0.005	< 0.005	3.81
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.09	5.09	< 0.005	< 0.005	< 0.005	5.38
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.10	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.51	3.51	< 0.005	< 0.005	< 0.005	3.84
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.65	3.65	< 0.005	< 0.005	< 0.005	3.84
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.14	5.14	< 0.005	< 0.005	< 0.005	5.43
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.58	0.58	< 0.005	< 0.005	< 0.005	0.62
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.60	0.60	< 0.005	< 0.005	< 0.005	0.63
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.84	0.84	< 0.005	< 0.005	< 0.005	0.89
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.10	0.10	< 0.005	< 0.005	< 0.005	0.10
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.10	0.10	< 0.005	< 0.005	< 0.005	0.10
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.14	0.14	< 0.005	< 0.005	< 0.005	0.15

3.15. Upper Terrace/Bleacher Construction (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.65	0.55	5.54	5.26	0.01	0.21	—	0.21	0.19	—	0.19	—	1,347	1,347	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.33	0.31	< 0.005	0.01	—	0.01	0.01	—	0.01	—	79.1	79.1	< 0.005	< 0.005	—	79.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.1	13.1	< 0.005	< 0.005	—	13.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.40	1.40	< 0.005	< 0.005	< 0.005	1.54
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.65	3.65	< 0.005	< 0.005	< 0.005	3.84
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.09
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.21	0.21	< 0.005	< 0.005	< 0.005	0.22
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.01	0.01	< 0.005	< 0.005	< 0.005	0.01
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.04	0.04	< 0.005	< 0.005	< 0.005	0.04
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Upper Terrace/Bleacher Construction (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.23	4.18	7.05	0.01	0.04	—	0.04	0.04	—	0.04	—	1,347	1,347	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.25	0.41	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79.1	79.1	< 0.005	< 0.005	—	79.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.1	13.1	< 0.005	< 0.005	—	13.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.40	1.40	< 0.005	< 0.005	< 0.005	1.54
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.65	3.65	< 0.005	< 0.005	< 0.005	3.84
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.09
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.21	0.21	< 0.005	< 0.005	< 0.005	0.22
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.01	0.01	< 0.005	< 0.005	< 0.005	0.01
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.04	0.04	< 0.005	< 0.005	< 0.005	0.04
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Upper Terrace/Bleacher Construction (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.53	5.26	5.20	0.01	0.19	—	0.19	0.18	—	0.18	—	1,346	1,346	0.05	0.01	—	1,351

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.28	0.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	71.1	71.1	< 0.005	< 0.005	—	71.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.8	11.8	< 0.005	< 0.005	—	11.8
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.48
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.60	3.60	< 0.005	< 0.005	< 0.005	3.79
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.19	0.19	< 0.005	< 0.005	< 0.005	0.20
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.01	0.01	< 0.005	< 0.005	< 0.005	0.01
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.18. Upper Terrace/Bleacher Construction (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.23	4.18	7.05	0.01	0.04	—	0.04	0.04	—	0.04	—	1,346	1,346	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.22	0.37	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	71.1	71.1	< 0.005	< 0.005	—	71.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.8	11.8	< 0.005	< 0.005	—	11.8
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.48
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.60	3.60	< 0.005	< 0.005	< 0.005	3.79
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.19	0.19	< 0.005	< 0.005	< 0.005	0.20
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.01	0.01	< 0.005	< 0.005	< 0.005	0.01
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Community Center Construction (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.53	5.26	5.20	0.01	0.19	—	0.19	0.18	—	0.18	—	1,346	1,346	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.53	5.26	5.20	0.01	0.19	—	0.19	0.18	—	0.18	—	1,346	1,346	0.05	0.01	—	1,351

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.88	0.87	< 0.005	0.03	—	0.03	0.03	—	0.03	—	225	225	0.01	< 0.005	—	226
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	37.3	37.3	< 0.005	< 0.005	—	37.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.40	1.40	< 0.005	< 0.005	< 0.005	1.50
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.56	3.56	< 0.005	< 0.005	< 0.005	3.76
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.48
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.60	3.60	< 0.005	< 0.005	< 0.005	3.79
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.23	0.23	< 0.005	< 0.005	< 0.005	0.25
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.60	0.60	< 0.005	< 0.005	< 0.005	0.63
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.04	0.04	< 0.005	< 0.005	< 0.005	0.04
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.10	0.10	< 0.005	< 0.005	< 0.005	0.10
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.20. Community Center Construction (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.23	4.18	7.05	0.01	0.04	—	0.04	0.04	—	0.04	—	1,346	1,346	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.23	4.18	7.05	0.01	0.04	—	0.04	0.04	—	0.04	—	1,346	1,346	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.70	1.18	< 0.005	0.01	—	0.01	0.01	—	0.01	—	225	225	0.01	< 0.005	—	226
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.13	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	37.3	37.3	< 0.005	< 0.005	—	37.4

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.40	1.40	< 0.005	< 0.005	< 0.005	1.50
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.56	3.56	< 0.005	< 0.005	< 0.005	3.76
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.48
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.60	3.60	< 0.005	< 0.005	< 0.005	3.79
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.23	0.23	< 0.005	< 0.005	< 0.005	0.25
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.60	0.60	< 0.005	< 0.005	< 0.005	0.63
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.04	0.04	< 0.005	< 0.005	< 0.005	0.04
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.10	0.10	< 0.005	< 0.005	< 0.005	0.10
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.21. Courts/Splash Pad/Amphitheater Construction (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.53	5.26	5.20	0.01	0.19	—	0.19	0.18	—	0.18	—	1,346	1,346	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.53	5.26	5.20	0.01	0.19	—	0.19	0.18	—	0.18	—	1,346	1,346	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.59	0.58	< 0.005	0.02	—	0.02	0.02	—	0.02	—	151	151	0.01	< 0.005	—	152
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.11	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.0	25.0	< 0.005	< 0.005	—	25.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.40	1.40	< 0.005	< 0.005	< 0.005	1.50
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.56	3.56	< 0.005	< 0.005	< 0.005	3.76
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.48
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.60	3.60	< 0.005	< 0.005	< 0.005	3.79
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.16	0.16	< 0.005	< 0.005	< 0.005	0.17
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.40	0.40	< 0.005	< 0.005	< 0.005	0.42
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.22. Courts/Splash Pad/Amphitheater Construction (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	0.23	4.18	7.05	0.01	0.04	—	0.04	0.04	—	0.04	—	1,346	1,346	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.25	0.23	4.18	7.05	0.01	0.04	—	0.04	0.04	—	0.04	—	1,346	1,346	0.05	0.01	—	1,351
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.47	0.79	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	151	151	0.01	< 0.005	—	152
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	< 0.005	0.09	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.0	25.0	< 0.005	< 0.005	—	25.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.40	1.40	< 0.005	< 0.005	< 0.005	1.50
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.56	3.56	< 0.005	< 0.005	< 0.005	3.76
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.48
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.60	3.60	< 0.005	< 0.005	< 0.005	3.79
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.16	0.16	< 0.005	< 0.005	< 0.005	0.17
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.40	0.40	< 0.005	< 0.005	< 0.005	0.42

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.23. Concrete Pathway Construction (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.05	0.41	0.32	< 0.005	0.02	—	0.02	0.01	—	0.01	—	56.3	56.3	< 0.005	< 0.005	—	56.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.24	3.24	< 0.005	< 0.005	—	3.25
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.54	0.54	< 0.005	< 0.005	—	0.54
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.40	1.40	< 0.005	< 0.005	< 0.005	1.50
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.56	3.56	< 0.005	< 0.005	< 0.005	3.76
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.09
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.21	0.21	< 0.005	< 0.005	< 0.005	0.22
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.01	0.01	< 0.005	< 0.005	< 0.005	0.01
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.04
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.24. Concrete Pathway Construction (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.05	0.41	0.32	< 0.005	0.02	—	0.02	0.01	—	0.01	—	56.3	56.3	< 0.005	< 0.005	—	56.5

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.24	3.24	< 0.005	< 0.005	—	3.25
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.54	0.54	< 0.005	< 0.005	—	0.54
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.40	1.40	< 0.005	< 0.005	< 0.005	1.50
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.56	3.56	< 0.005	< 0.005	< 0.005	3.76
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.09
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.21	0.21	< 0.005	< 0.005	< 0.005	0.22
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.01	0.01	< 0.005	< 0.005	< 0.005	0.01
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.04
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.25. Ancillary Park Improvements (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.67	0.56	5.38	5.93	0.01	0.21	—	0.21	0.20	—	0.20	—	1,444	1,444	0.06	0.01	—	1,449
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.59	0.65	< 0.005	0.02	—	0.02	0.02	—	0.02	—	158	158	0.01	< 0.005	—	159
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.11	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	26.2	26.2	< 0.005	< 0.005	—	26.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.40	1.40	< 0.005	< 0.005	< 0.005	1.50
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.56	3.56	< 0.005	< 0.005	< 0.005	3.76
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	< 0.005	0.16
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.39	0.39	< 0.005	< 0.005	< 0.005	0.41
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.26. Ancillary Park Improvements (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	0.25	4.30	7.78	0.01	0.06	—	0.06	0.06	—	0.06	—	1,444	1,444	0.06	0.01	—	1,449
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.47	0.85	< 0.005	0.01	—	0.01	0.01	—	0.01	—	158	158	0.01	< 0.005	—	159
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	26.2	26.2	< 0.005	< 0.005	—	26.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.40	1.40	< 0.005	< 0.005	< 0.005	1.50
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.56	3.56	< 0.005	< 0.005	< 0.005	3.76
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	< 0.005	0.16
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.39	0.39	< 0.005	< 0.005	< 0.005	0.41
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.07

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.27. Parking Lots (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.44	0.37	3.48	4.76	0.01	0.15	—	0.15	0.14	—	0.14	—	736	736	0.03	0.01	—	739
Paving	—	0.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.39	0.53	< 0.005	0.02	—	0.02	0.02	—	0.02	—	82.7	82.7	< 0.005	< 0.005	—	83.0
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.7	13.7	< 0.005	< 0.005	—	13.7
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.08	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.50	3.50	< 0.005	< 0.005	0.01	3.76
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.56	3.56	< 0.005	< 0.005	< 0.005	3.76
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.39	0.39	< 0.005	< 0.005	< 0.005	0.42
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.40	0.40	< 0.005	< 0.005	< 0.005	0.42
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.07
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.28. Parking Lots (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.27	3.25	4.92	0.01	0.08	—	0.08	0.07	—	0.07	—	736	736	0.03	0.01	—	739
Paving	—	0.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.37	0.55	< 0.005	0.01	—	0.01	0.01	—	0.01	—	82.7	82.7	< 0.005	< 0.005	—	83.0
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.7	13.7	< 0.005	< 0.005	—	13.7
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.08	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.50	3.50	< 0.005	< 0.005	0.01	3.76
Vendor	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.56	3.56	< 0.005	< 0.005	< 0.005	3.76
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.39	0.39	< 0.005	< 0.005	< 0.005	0.42
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.40	0.40	< 0.005	< 0.005	< 0.005	0.42

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.07
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.29. Architectural Coating (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.14	1.51	< 0.005	0.03	—	0.03	0.03	—	0.03	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	5.64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.14	1.51	< 0.005	0.03	—	0.03	0.03	—	0.03	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	5.64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.75	9.75	< 0.005	< 0.005	—	9.79
Architectural Coatings	—	0.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.61	1.61	< 0.005	< 0.005	—	1.62
Architectural Coatings	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.40	1.40	< 0.005	< 0.005	< 0.005	1.50
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.48
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.08
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.01	0.01	< 0.005	< 0.005	< 0.005	0.01
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.30. Architectural Coating (2026) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.14	1.51	< 0.005	0.03	—	0.03	0.03	—	0.03	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	5.64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.14	1.51	< 0.005	0.03	—	0.03	0.03	—	0.03	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	5.64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.75	9.75	< 0.005	< 0.005	—	9.79
Architectural Coatings	—	0.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.61	1.61	< 0.005	< 0.005	—	1.62
Architectural Coatings	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.40	1.40	< 0.005	< 0.005	< 0.005	1.50
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.48
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.08
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.01	0.01	< 0.005	< 0.005	< 0.005	0.01
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description

Demolition	Demolition	10/25/2024	12/6/2024	5.00	31.0	—
Site Preparation	Site Preparation	8/15/2024	10/24/2024	5.00	51.0	—
Reservoir Excavation	Grading	12/7/2024	4/26/2025	5.00	100	—
Field Surface Replacement	Grading	10/20/2025	12/1/2025	5.00	31.0	—
Reservoir Construction	Building Construction	4/27/2025	10/19/2025	5.00	125	—
Pipe/Diversion/Treatment Facility	Building Construction	7/27/2025	10/19/2025	5.00	60.0	—
Upper Terrace/Bleacher Construction	Building Construction	12/2/2025	1/27/2026	5.00	41.0	—
Community Center Construction	Building Construction	1/20/2026	4/14/2026	5.00	61.0	—
Courts/Splash Pad/Amphitheater Construction	Building Construction	3/31/2026	5/26/2026	5.00	41.0	—
Concrete Pathway Construction	Building Construction	5/27/2026	6/24/2026	5.00	21.0	—
Ancillary Park Improvements	Building Construction	6/20/2026	8/15/2026	5.00	40.0	—
Parking Lots	Paving	5/12/2026	7/7/2026	5.00	41.0	—
Architectural Coating	Architectural Coating	3/18/2026	4/14/2026	5.00	20.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Demolition	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40

Site Preparation	Tractors/Loaders/Backh	Diesel	Average	4.00	8.00	84.0	0.37
Reservoir Excavation	Graders	Diesel	Average	1.00	8.00	148	0.41
Reservoir Excavation	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Reservoir Excavation	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Reservoir Excavation	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Field Surface Replacement	Graders	Diesel	Average	1.00	8.00	148	0.41
Field Surface Replacement	Skid Steer Loaders	Diesel	Average	1.00	8.00	71.0	0.37
Field Surface Replacement	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Reservoir Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Reservoir Construction	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Reservoir Construction	Skid Steer Loaders	Diesel	Average	2.00	8.00	71.0	0.37
Pipe/Diversion/Treatment Facility	Cranes	Diesel	Average	1.00	8.00	367	0.29
Pipe/Diversion/Treatment Facility	Trenchers	Diesel	Average	2.00	8.00	40.0	0.50
Pipe/Diversion/Treatment Facility	Skid Steer Loaders	Diesel	Average	2.00	8.00	71.0	0.37
Upper Terrace/Bleacher Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Upper Terrace/Bleacher Construction	Forklifts	Diesel	Average	1.00	8.00	82.0	0.20
Upper Terrace/Bleacher Construction	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Upper Terrace/Bleacher Construction	Aerial Lifts	Diesel	Average	1.00	8.00	46.0	0.31

Community Center Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Community Center Construction	Forklifts	Diesel	Average	1.00	8.00	82.0	0.20
Community Center Construction	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Community Center Construction	Aerial Lifts	Diesel	Average	1.00	8.00	46.0	0.31
Courts/Splash Pad/Amphitheater Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Courts/Splash Pad/Amphitheater Construction	Forklifts	Diesel	Average	1.00	8.00	82.0	0.20
Courts/Splash Pad/Amphitheater Construction	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Courts/Splash Pad/Amphitheater Construction	Aerial Lifts	Diesel	Average	1.00	8.00	46.0	0.31
Concrete Pathway Construction	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Ancillary Park Improvements	Cranes	Diesel	Average	1.00	8.00	367	0.29
Ancillary Park Improvements	Skid Steer Loaders	Diesel	Average	1.00	8.00	71.0	0.37
Ancillary Park Improvements	Forklifts	Diesel	Average	1.00	8.00	82.0	0.20
Ancillary Park Improvements	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Parking Lots	Skid Steer Loaders	Diesel	Average	1.00	8.00	71.0	0.37
Parking Lots	Rollers	Diesel	Average	1.00	8.00	36.0	0.38
Parking Lots	Plate Compactors	Diesel	Average	1.00	8.00	8.00	0.43
Parking Lots	Pavers	Diesel	Average	1.00	8.00	81.0	0.42

Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Interim	2.00	8.00	367	0.40
Demolition	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Interim	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	4.00	8.00	84.0	0.37
Reservoir Excavation	Graders	Diesel	Tier 4 Interim	1.00	8.00	148	0.41
Reservoir Excavation	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Reservoir Excavation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	3.00	8.00	84.0	0.37
Reservoir Excavation	Rubber Tired Dozers	Diesel	Tier 4 Interim	2.00	8.00	367	0.40
Field Surface Replacement	Graders	Diesel	Tier 4 Interim	1.00	8.00	148	0.41
Field Surface Replacement	Skid Steer Loaders	Diesel	Average	1.00	8.00	71.0	0.37
Field Surface Replacement	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	2.00	8.00	84.0	0.37
Reservoir Construction	Cranes	Diesel	Tier 4 Interim	1.00	8.00	367	0.29
Reservoir Construction	Rubber Tired Dozers	Diesel	Tier 4 Interim	2.00	8.00	367	0.40
Reservoir Construction	Skid Steer Loaders	Diesel	Average	2.00	8.00	71.0	0.37
Pipe/Diversion/Treatment Facility	Cranes	Diesel	Tier 4 Interim	1.00	8.00	367	0.29
Pipe/Diversion/Treatment Facility	Trenchers	Diesel	Average	2.00	8.00	40.0	0.50

Pipe/Diversion/Treatme Facility	Skid Steer Loaders	Diesel	Average	2.00	8.00	71.0	0.37
Upper Terrace/Bleacher Construction	Cranes	Diesel	Tier 4 Interim	1.00	8.00	367	0.29
Upper Terrace/Bleacher Construction	Forklifts	Diesel	Tier 4 Interim	1.00	8.00	82.0	0.20
Upper Terrace/Bleacher Construction	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Upper Terrace/Bleacher Construction	Aerial Lifts	Diesel	Average	1.00	8.00	46.0	0.31
Community Center Construction	Cranes	Diesel	Tier 4 Interim	1.00	8.00	367	0.29
Community Center Construction	Forklifts	Diesel	Tier 4 Interim	1.00	8.00	82.0	0.20
Community Center Construction	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Community Center Construction	Aerial Lifts	Diesel	Average	1.00	8.00	46.0	0.31
Courts/Splash Pad/Amphitheater Construction	Cranes	Diesel	Tier 4 Interim	1.00	8.00	367	0.29
Courts/Splash Pad/Amphitheater Construction	Forklifts	Diesel	Tier 4 Interim	1.00	8.00	82.0	0.20
Courts/Splash Pad/Amphitheater Construction	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Courts/Splash Pad/Amphitheater Construction	Aerial Lifts	Diesel	Average	1.00	8.00	46.0	0.31
Concrete Pathway Construction	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Ancillary Park Improvements	Cranes	Diesel	Tier 4 Interim	1.00	8.00	367	0.29

Ancillary Park Improvements	Skid Steer Loaders	Diesel	Average	1.00	8.00	71.0	0.37
Ancillary Park Improvements	Forklifts	Diesel	Tier 4 Interim	1.00	8.00	82.0	0.20
Ancillary Park Improvements	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Parking Lots	Skid Steer Loaders	Diesel	Average	1.00	8.00	71.0	0.37
Parking Lots	Rollers	Diesel	Average	1.00	8.00	36.0	0.38
Parking Lots	Plate Compactors	Diesel	Average	1.00	8.00	8.00	0.43
Parking Lots	Pavers	Diesel	Tier 4 Interim	1.00	8.00	81.0	0.42
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	18.0	0.25	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00	0.25	HHDT,MHDT
Site Preparation	Hauling	0.00	0.25	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Reservoir Excavation	—	—	—	—
Reservoir Excavation	Worker	20.0	0.25	LDA,LDT1,LDT2
Reservoir Excavation	Vendor	4.00	0.25	HHDT,MHDT
Reservoir Excavation	Hauling	46.3	0.25	HHDT
Reservoir Excavation	Onsite truck	—	—	HHDT
Reservoir Construction	—	—	—	—
Reservoir Construction	Worker	10.0	0.25	LDA,LDT1,LDT2

Reservoir Construction	Vendor	2.00	0.25	HHDT,MHDT
Reservoir Construction	Hauling	2.00	0.25	HHDT
Reservoir Construction	Onsite truck	—	—	HHDT
Parking Lots	—	—	—	—
Parking Lots	Worker	10.0	0.25	LDA,LDT1,LDT2
Parking Lots	Vendor	2.00	0.25	HHDT,MHDT
Parking Lots	Hauling	0.00	0.25	HHDT
Parking Lots	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	4.00	0.25	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	0.25	HHDT,MHDT
Architectural Coating	Hauling	0.00	0.25	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Demolition	—	—	—	—
Demolition	Worker	14.0	0.25	LDA,LDT1,LDT2
Demolition	Vendor	—	0.25	HHDT,MHDT
Demolition	Hauling	10.0	0.25	HHDT
Demolition	Onsite truck	—	—	HHDT
Field Surface Replacement	—	—	—	—
Field Surface Replacement	Worker	10.0	0.25	LDA,LDT1,LDT2
Field Surface Replacement	Vendor	2.00	0.25	HHDT,MHDT
Field Surface Replacement	Hauling	0.00	0.25	HHDT
Field Surface Replacement	Onsite truck	—	—	HHDT
Pipe/Diversion/Treatment Facility	—	—	—	—
Pipe/Diversion/Treatment Facility	Worker	10.0	0.25	LDA,LDT1,LDT2
Pipe/Diversion/Treatment Facility	Vendor	2.00	0.25	HHDT,MHDT
Pipe/Diversion/Treatment Facility	Hauling	2.00	0.25	HHDT

Pipe/Diversion/Treatment Facility	Onsite truck	—	—	HHDT
Upper Terrace/Bleacher Construction	—	—	—	—
Upper Terrace/Bleacher Construction	Worker	4.00	0.25	LDA,LDT1,LDT2
Upper Terrace/Bleacher Construction	Vendor	2.00	0.25	HHDT,MHDT
Upper Terrace/Bleacher Construction	Hauling	0.00	0.25	HHDT
Upper Terrace/Bleacher Construction	Onsite truck	—	—	HHDT
Community Center Construction	—	—	—	—
Community Center Construction	Worker	4.00	0.25	LDA,LDT1,LDT2
Community Center Construction	Vendor	2.00	0.25	HHDT,MHDT
Community Center Construction	Hauling	0.00	0.25	HHDT
Community Center Construction	Onsite truck	—	—	HHDT
Courts/Splash Pad/Amphitheater Construction	—	—	—	—
Courts/Splash Pad/Amphitheater Construction	Worker	4.00	0.25	LDA,LDT1,LDT2
Courts/Splash Pad/Amphitheater Construction	Vendor	2.00	0.25	HHDT,MHDT
Courts/Splash Pad/Amphitheater Construction	Hauling	0.00	0.25	HHDT
Courts/Splash Pad/Amphitheater Construction	Onsite truck	—	—	HHDT
Concrete Pathway Construction	—	—	—	—
Concrete Pathway Construction	Worker	4.00	0.25	LDA,LDT1,LDT2
Concrete Pathway Construction	Vendor	2.00	0.25	HHDT,MHDT
Concrete Pathway Construction	Hauling	0.00	0.25	HHDT
Concrete Pathway Construction	Onsite truck	—	—	HHDT
Ancillary Park Improvements	—	—	—	—
Ancillary Park Improvements	Worker	4.00	0.25	LDA,LDT1,LDT2
Ancillary Park Improvements	Vendor	2.00	0.25	HHDT,MHDT

Ancillary Park Improvements	Hauling	0.00	0.25	HHDT
Ancillary Park Improvements	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	18.0	0.25	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00	0.25	HHDT,MHDT
Site Preparation	Hauling	0.00	0.25	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Reservoir Excavation	—	—	—	—
Reservoir Excavation	Worker	20.0	0.25	LDA,LDT1,LDT2
Reservoir Excavation	Vendor	4.00	0.25	HHDT,MHDT
Reservoir Excavation	Hauling	46.3	0.25	HHDT
Reservoir Excavation	Onsite truck	—	—	HHDT
Reservoir Construction	—	—	—	—
Reservoir Construction	Worker	10.0	0.25	LDA,LDT1,LDT2
Reservoir Construction	Vendor	2.00	0.25	HHDT,MHDT
Reservoir Construction	Hauling	2.00	0.25	HHDT
Reservoir Construction	Onsite truck	—	—	HHDT
Parking Lots	—	—	—	—
Parking Lots	Worker	10.0	0.25	LDA,LDT1,LDT2
Parking Lots	Vendor	2.00	0.25	HHDT,MHDT
Parking Lots	Hauling	0.00	0.25	HHDT
Parking Lots	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	4.00	0.25	LDA,LDT1,LDT2

Architectural Coating	Vendor	—	0.25	HHDT,MHDT
Architectural Coating	Hauling	0.00	0.25	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Demolition	—	—	—	—
Demolition	Worker	14.0	0.25	LDA,LDT1,LDT2
Demolition	Vendor	—	0.25	HHDT,MHDT
Demolition	Hauling	10.0	0.25	HHDT
Demolition	Onsite truck	—	—	HHDT
Field Surface Replacement	—	—	—	—
Field Surface Replacement	Worker	10.0	0.25	LDA,LDT1,LDT2
Field Surface Replacement	Vendor	2.00	0.25	HHDT,MHDT
Field Surface Replacement	Hauling	0.00	0.25	HHDT
Field Surface Replacement	Onsite truck	—	—	HHDT
Pipe/Diversion/Treatment Facility	—	—	—	—
Pipe/Diversion/Treatment Facility	Worker	10.0	0.25	LDA,LDT1,LDT2
Pipe/Diversion/Treatment Facility	Vendor	2.00	0.25	HHDT,MHDT
Pipe/Diversion/Treatment Facility	Hauling	2.00	0.25	HHDT
Pipe/Diversion/Treatment Facility	Onsite truck	—	—	HHDT
Upper Terrace/Bleacher Construction	—	—	—	—
Upper Terrace/Bleacher Construction	Worker	4.00	0.25	LDA,LDT1,LDT2
Upper Terrace/Bleacher Construction	Vendor	2.00	0.25	HHDT,MHDT
Upper Terrace/Bleacher Construction	Hauling	0.00	0.25	HHDT
Upper Terrace/Bleacher Construction	Onsite truck	—	—	HHDT
Community Center Construction	—	—	—	—
Community Center Construction	Worker	4.00	0.25	LDA,LDT1,LDT2
Community Center Construction	Vendor	2.00	0.25	HHDT,MHDT
Community Center Construction	Hauling	0.00	0.25	HHDT

Community Center Construction	Onsite truck	—	—	HHDT
Courts/Splash Pad/Amphitheater Construction	—	—	—	—
Courts/Splash Pad/Amphitheater Construction	Worker	4.00	0.25	LDA,LDT1,LDT2
Courts/Splash Pad/Amphitheater Construction	Vendor	2.00	0.25	HHDT,MHDT
Courts/Splash Pad/Amphitheater Construction	Hauling	0.00	0.25	HHDT
Courts/Splash Pad/Amphitheater Construction	Onsite truck	—	—	HHDT
Concrete Pathway Construction	—	—	—	—
Concrete Pathway Construction	Worker	4.00	0.25	LDA,LDT1,LDT2
Concrete Pathway Construction	Vendor	2.00	0.25	HHDT,MHDT
Concrete Pathway Construction	Hauling	0.00	0.25	HHDT
Concrete Pathway Construction	Onsite truck	—	—	HHDT
Ancillary Park Improvements	—	—	—	—
Ancillary Park Improvements	Worker	4.00	0.25	LDA,LDT1,LDT2
Ancillary Park Improvements	Vendor	2.00	0.25	HHDT,MHDT
Ancillary Park Improvements	Hauling	0.00	0.25	HHDT
Ancillary Park Improvements	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)

Architectural Coating	0.00	0.00	12,750	4,250	7,318

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	1,222	—
Site Preparation	—	—	76.5	0.00	—
Reservoir Excavation	—	37,000	150	0.00	—
Field Surface Replacement	—	—	15.5	0.00	—
Parking Lots	0.00	0.00	0.00	0.00	2.80

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
City Park	0.00	0%
Parking Lot	1.39	100%
Other Non-Asphalt Surfaces	1.41	0%
General Office Building	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	532	0.03	< 0.005
2025	0.00	532	0.03	< 0.005

2026	0.00	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	10.4	annual days of extreme heat
Extreme Precipitation	4.50	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

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

Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

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

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—

AQ-Ozone	42.6
AQ-PM	74.9
AQ-DPM	38.1
Drinking Water	66.2
Lead Risk Housing	75.5
Pesticides	0.00
Toxic Releases	90.7
Traffic	83.0
Effect Indicators	—
CleanUp Sites	5.69
Groundwater	59.6
Haz Waste Facilities/Generators	50.5
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	40.5
Cardio-vascular	65.3
Low Birth Weights	39.0
Socioeconomic Factor Indicators	—
Education	85.4
Housing	64.8
Linguistic	74.8
Poverty	47.8
Unemployment	86.2

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	30.41190812
Employed	40.65186706
Median HI	53.75336841
Education	—
Bachelor's or higher	13.64044655
High school enrollment	100
Preschool enrollment	32.04157577
Transportation	—
Auto Access	73.42486847
Active commuting	54.89541897
Social	—
2-parent households	42.2302066
Voting	13.69177467
Neighborhood	—
Alcohol availability	21.73745669
Park access	62.60746824
Retail density	89.58039266
Supermarket access	94.25125112
Tree canopy	24.61183113
Housing	—
Homeownership	62.06852303
Housing habitability	42.75631977
Low-inc homeowner severe housing cost burden	53.49672783
Low-inc renter severe housing cost burden	40.58770692
Uncrowded housing	12.81919672

Health Outcomes	—
Insured adults	17.70819967
Arthritis	71.8
Asthma ER Admissions	53.9
High Blood Pressure	75.3
Cancer (excluding skin)	74.5
Asthma	65.7
Coronary Heart Disease	47.4
Chronic Obstructive Pulmonary Disease	68.2
Diagnosed Diabetes	19.9
Life Expectancy at Birth	76.8
Cognitively Disabled	58.3
Physically Disabled	42.3
Heart Attack ER Admissions	34.3
Mental Health Not Good	39.0
Chronic Kidney Disease	27.1
Obesity	34.9
Pedestrian Injuries	83.9
Physical Health Not Good	31.5
Stroke	51.7
Health Risk Behaviors	—
Binge Drinking	57.0
Current Smoker	49.4
No Leisure Time for Physical Activity	29.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0

Children	35.2
Elderly	54.5
English Speaking	30.5
Foreign-born	69.5
Outdoor Workers	29.5
Climate Change Adaptive Capacity	—
Impervious Surface Cover	11.0
Traffic Density	43.7
Traffic Access	23.0
Other Indices	—
Hardship	75.6
Other Decision Support	—
2016 Voting	30.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	69.0
Healthy Places Index Score for Project Location (b)	36.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	9-acre total park including 8,500 sf community building (modeled as General Office), courts/sidewalks, and 154 space parking lot
Construction: Construction Phases	Adjusted the construction phases and duration based on the Project Description
Construction: Off-Road Equipment	Adjusted default equipment mix based on Project Description
Construction: Trips and VMT	Rounded trips up to nearest even number. Added vendor trips to account for water trucks during site preparation and grading. Also added vendor and haul trucks during reservoir construction and pipeline/diversion/treatment facility phases to account for precast concrete and other structural/material import. For HRA/LST, reduced vehicle trip lengths to 0.25 miles to account for on-site/ pass by localized emissions

Hermosillo Park Stormwater Capture Project

Construction

		15	Gallons	
Source	**Percent**	**Total MTCO2**	**Diesel**	**Gasoline**
2024				
Off-road	80.1%	205	20,071	
Electricity	0.0%	0		
Worker	4.1%	10		1,195
Vendor	1.6%	4	401	
Hauling	14.2%	36	3,558	
Total	*100.0%*	*256*	*24,031*	*1,195*
2025				
Off-road	74.7%	493	48,286	
Electricity	0.0%	0		
Worker	3.6%	24		2,706
Vendor	1.8%	12	1,164	
Hauling	20.0%	132	12,928	
Total	*100.0%*	*660*	*62,377*	*2,706*
2026				
Off-road	89.6%	116	11,377	
Electricity	0.0%	0		
Worker	5.6%	7		827
Vendor	4.9%	6	622	
Hauling	0.0%	0	0	
Total	*100.0%*	*130*	*11,999*	*827*
Total Construction Period				
Off-road	77.9%	814	79,734	0
Electricity	0.0%	0	0	0
Worker	4.0%	42	0	4,728
Vendor	2.1%	22	2,187	0
Hauling	16.1%	168	16,486	0
Total	***100.1%***	***1,045***	***98,407***	***4,728***

Total Petroleum 103,134 gallons

Project Operation

	15	Gallons	
Source	**Total MTCO2**	**Diesel**	**Gasoline**
Mobile Exhaust	906.89	17,955	82,411
Landscape Equipment	0.17		20
Electricity	31.73		
Natural Gas Energy	11.54		
Water and Wastewater	10.58		
Solid Waste	0.75		
Total	**961.60**	**17,955**	**82,431**

Type	**Total**	**Units**
Petroleum	100,386	gallons/year
Electricity	204,513	kWh/year
Natural Gas	215,445	kBTU/year

Existing Operation

	15	Gallons	
Source	**Total MTCO2**	**Diesel**	**Gasoline**
Mobile Exhaust	89.94	1,716	8,248
Landscape Equipment	0.06		7
Electricity	82.70		
Natural Gas Energy	35.58		
Water and Wastewater	78.85		
Solid Waste	0.32		
Total	**113.74**	**1,716**	**8,256**

Type	**Total**	**Units**
Petroleum	9,971	gallons/year
Electricity	61,730	kWh/year
Natural Gas	78,574	kBTU/year

Net Increase

Type	**Total**	**Units**
Petroleum	90,415	gallons/year
Electricity	142,783	kWh/year
Natural Gas	136,871	kBTU/year

Constants

Fuel	**KgCO2/Gallon**	1000 Kg in MT
Gasoline	8.78	
Diesel	10.21	

Source: The Climate Registry 2023

Hermosillo Park Stormwater Capture Project

Construction HRA

Project Construction Emissions

	Unmitigated
	DPM
Year	tons/year
2024	0.069
2025	0.126
2026	0.020
Total	**0.020**
Total Lbs	**39.227**
Lbs/year	**19.614**
Lbs/hour	**0.01**

MEIR Risk	Unmitigated
Cancer (persons in a million)	**4.81**
Chronic	**0.0028**
School Risk	**Unmitigated**
Cancer (persons in a million)	**0.28**
Chronic	**0.0010**

Conversions:

1 ton =	2,000	lb		
Construction =	8	hours/day	Construction:	730 days
	2080	hours/year		2.00 years
	260	days/year		
	12	months		

AERMOD Assumptions

Source Name	Description	No. of Vol. Sources	Emission Rate g/s	Release Height m	Plume Height m	Plume Width m
SLINE1	Offroad Equipment and Truck Exhaust	227	1.00	5.00	10.00	10.00

Receptors

Grid Sizes	Spacing
800mx800m	20m

Meteorological Data

Station Name		Years	Lat	Long	Elev (m)
KFUL	Fullerton Airport	2017-2018, 2020-2022	33.8715	-117.9856	29

Other Model Assumption

Rural or Urban	Urban
Variable Emissions	8 hours/day, 5 days/week
Urban Grp Pop	9,818,605
Terrain Data	NED 1
Lakes Version	12.0.0
AERMOD Version	23132
HARP2 Version	22118

Hermosillo Park Project - Unmitigated Construction Cancer Risk - Residential Receptors

*HARP - HRACalc v22118 2/5/2024 11:21:16 AM - Cancer Risk - Sorted Max to Min

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_I	EGG_RISK
875	RESIDENT		400400.6	3750033	4.81E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
876	RESIDENT		400420.6	3750033	4.77E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874	RESIDENT		400380.6	3750033	4.75E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
877	RESIDENT		400440.6	3750033	4.61E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
873	RESIDENT		400360.6	3750033	4.58E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872	RESIDENT		400340.6	3750033	4.26E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
878	RESIDENT		400460.6	3750033	4.21E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774	RESIDENT		400489.8	3749966	4.20E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742	RESIDENT		400489.8	3749946	4.18E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710	RESIDENT		400489.8	3749926	4.06E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806	RESIDENT		400489.8	3749986	4.06E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	RESIDENT		400276.5	3749946	3.90E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709	RESIDENT		400276.5	3749926	3.87E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	RESIDENT		400489.8	3749906	3.84E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773	RESIDENT		400276.5	3749966	3.81E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
871	RESIDENT		400320.6	3750033	3.74E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	RESIDENT		400276.5	3749906	3.73E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838	RESIDENT		400489.8	3750006	3.70E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
916	RESIDENT		400400.1	3750046	3.66E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
917	RESIDENT		400420.1	3750046	3.65E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
915	RESIDENT		400380.1	3750046	3.59E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805	RESIDENT		400276.5	3749986	3.56E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
918	RESIDENT		400440.1	3750046	3.55E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	RESIDENT		400489.8	3749886	3.51E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	RESIDENT		400276.5	3749886	3.42E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
914	RESIDENT		400360.1	3750046	3.42E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
919	RESIDENT		400460.1	3750046	3.30E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775	RESIDENT		400500.1	3749966	3.25E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743	RESIDENT		400500.1	3749946	3.23E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807	RESIDENT		400500.1	3749986	3.16E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913	RESIDENT		400340.1	3750046	3.13E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711	RESIDENT		400500.1	3749926	3.12E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
879	RESIDENT		400489.8	3750026	3.10E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	RESIDENT		400489.8	3749866	3.05E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837	RESIDENT		400276.5	3750006	2.96E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839	RESIDENT		400500.1	3750006	2.93E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	RESIDENT		400500.1	3749906	2.93E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
870	RESIDENT		400300.6	3750033	2.86E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
920	RESIDENT		400480.1	3750046	2.80E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	RESIDENT		400276.5	3749866	2.75E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
912	RESIDENT		400320.1	3750046	2.68E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	RESIDENT		400500.1	3749886	2.65E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
958	RESIDENT		400420.1	3750066	2.62E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
957	RESIDENT		400400.1	3750066	2.60E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
959	RESIDENT		400440.1	3750066	2.57E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
880	RESIDENT		400500.1	3750026	2.57E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
956	RESIDENT		400380.1	3750066	2.52E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740	RESIDENT		400260.1	3749946	2.51E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708	RESIDENT		400260.1	3749926	2.50E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772	RESIDENT		400260.1	3749966	2.44E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
960	RESIDENT		400460.1	3750066	2.43E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676	RESIDENT		400260.1	3749906	2.41E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	RESIDENT		400489.8	3749846	2.40E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955	RESIDENT		400360.1	3750066	2.36E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615	RESIDENT		400500.1	3749866	2.28E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

804	RESIDENT	400260.1	3749986	2.25E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644	RESIDENT	400260.1	3749886	2.21E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
961	RESIDENT	400480.1	3750066	2.17E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
921	RESIDENT	400500.1	3750046	2.17E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776	RESIDENT	400520.1	3749966	2.12E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
954	RESIDENT	400340.1	3750066	2.12E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	RESIDENT	400520.1	3749946	2.09E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
808	RESIDENT	400520.1	3749986	2.09E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
911	RESIDENT	400300.1	3750046	2.06E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712	RESIDENT	400520.1	3749926	2.00E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869	RESIDENT	400276.5	3750026	2.00E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840	RESIDENT	400520.1	3750006	1.99E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
999	RESIDENT	400420.1	3750086	1.98E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000	RESIDENT	400440.1	3750086	1.96E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	RESIDENT	400400.1	3749806	1.96E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
998	RESIDENT	400400.1	3750086	1.94E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	RESIDENT	400420.1	3749806	1.92E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836	RESIDENT	400260.1	3750006	1.90E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1001	RESIDENT	400460.1	3750086	1.89E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	RESIDENT	400520.1	3749906	1.86E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	RESIDENT	400260.1	3749866	1.86E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
997	RESIDENT	400380.1	3750086	1.86E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881	RESIDENT	400520.1	3750026	1.83E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	RESIDENT	400500.1	3749846	1.82E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
962	RESIDENT	400500.1	3750066	1.81E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	RESIDENT	400440.1	3749806	1.80E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
953	RESIDENT	400320.1	3750066	1.80E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1002	RESIDENT	400480.1	3750086	1.73E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
996	RESIDENT	400360.1	3750086	1.72E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	RESIDENT	400520.1	3749886	1.67E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	RESIDENT	400489.8	3749826	1.67E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739	RESIDENT	400240.1	3749946	1.67E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707	RESIDENT	400240.1	3749926	1.67E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
922	RESIDENT	400520.1	3750046	1.65E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771	RESIDENT	400240.1	3749966	1.61E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	RESIDENT	400240.1	3749906	1.61E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	RESIDENT	400460.1	3749806	1.59E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1041	RESIDENT	400440.1	3750106	1.55E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1040	RESIDENT	400420.1	3750106	1.55E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
995	RESIDENT	400340.1	3750086	1.53E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1003	RESIDENT	400500.1	3750086	1.51E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1042	RESIDENT	400460.1	3750106	1.51E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1039	RESIDENT	400400.1	3750106	1.50E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	RESIDENT	400240.1	3749886	1.49E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803	RESIDENT	400240.1	3749986	1.48E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777	RESIDENT	400540.1	3749966	1.48E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
809	RESIDENT	400540.1	3749986	1.47E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
963	RESIDENT	400520.1	3750066	1.46E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
910	RESIDENT	400280.1	3750046	1.45E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	RESIDENT	400520.1	3749866	1.45E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745	RESIDENT	400540.1	3749946	1.45E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841	RESIDENT	400540.1	3750006	1.43E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868	RESIDENT	400260.1	3750026	1.43E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1038	RESIDENT	400380.1	3750106	1.42E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1043	RESIDENT	400480.1	3750106	1.42E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
952	RESIDENT	400300.1	3750066	1.41E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713	RESIDENT	400540.1	3749926	1.38E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	RESIDENT	400500.1	3749826	1.36E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
882	RESIDENT	400540.1	3750026	1.36E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1037	RESIDENT	400360.1	3750106	1.30E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
994	RESIDENT	400320.1	3750086	1.29E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	RESIDENT	400240.1	3749866	1.29E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	RESIDENT	400540.1	3749906	1.28E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1044	RESIDENT	400500.1	3750106	1.28E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1004	RESIDENT	400520.1	3750086	1.27E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835	RESIDENT	400240.1	3750006	1.27E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	RESIDENT	400480.1	3749806	1.27E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
923	RESIDENT	400540.1	3750046	1.26E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1082	RESIDENT	400440.1	3750126	1.25E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1081	RESIDENT	400420.1	3750126	1.24E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1083	RESIDENT	400460.1	3750126	1.23E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	RESIDENT	400520.1	3749846	1.21E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706	RESIDENT	400220.1	3749926	1.20E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738	RESIDENT	400220.1	3749946	1.20E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1080	RESIDENT	400400.1	3750126	1.19E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	RESIDENT	400400.1	3749786	1.18E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1084	RESIDENT	400480.1	3750126	1.18E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	RESIDENT	400220.1	3749906	1.17E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
964	RESIDENT	400540.1	3750066	1.16E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	RESIDENT	400420.1	3749786	1.16E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	RESIDENT	400540.1	3749886	1.16E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770	RESIDENT	400220.1	3749966	1.15E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1036	RESIDENT	400340.1	3750106	1.15E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1079	RESIDENT	400380.1	3750126	1.12E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1045	RESIDENT	400520.1	3750106	1.11E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	RESIDENT	400440.1	3749786	1.09E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	RESIDENT	400220.1	3749886	1.09E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1085	RESIDENT	400500.1	3750126	1.09E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810	RESIDENT	400560.1	3749986	1.08E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778	RESIDENT	400560.1	3749966	1.08E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	RESIDENT	400560.1	3750006	1.07E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802	RESIDENT	400220.1	3749986	1.06E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
951	RESIDENT	400280.1	3750066	1.06E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
909	RESIDENT	400260.1	3750046	1.06E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1005	RESIDENT	400540.1	3750086	1.05E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746	RESIDENT	400560.1	3749946	1.05E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
993	RESIDENT	400300.1	3750086	1.04E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
883	RESIDENT	400560.1	3750026	1.03E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1123	RESIDENT	400440.1	3750146	1.03E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1124	RESIDENT	400460.1	3750146	1.03E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867	RESIDENT	400240.1	3750026	1.02E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	RESIDENT	400540.1	3749866	1.02E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1078	RESIDENT	400360.1	3750126	1.02E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1122	RESIDENT	400420.1	3750146	1.01E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714	RESIDENT	400560.1	3749926	1.00E-06	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1125	RESIDENT	400480.1	3750146	9.93E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	RESIDENT	400460.1	3749786	9.89E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
924	RESIDENT	400560.1	3750046	9.84E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1035	RESIDENT	400320.1	3750106	9.81E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1086	RESIDENT	400520.1	3750126	9.74E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	RESIDENT	400500.1	3749806	9.73E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	RESIDENT	400220.1	3749866	9.69E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	RESIDENT	400520.1	3749826	9.68E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1121	RESIDENT	400400.1	3750146	9.67E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1046	RESIDENT	400540.1	3750106	9.51E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	RESIDENT	400560.1	3749906	9.35E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1126	RESIDENT	400500.1	3750146	9.33E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	RESIDENT	400220.1	3750006	9.29E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

965	RESIDENT	400560.1	3750066	9.28E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705	RESIDENT	400200.1	3749926	9.15E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	RESIDENT	400200.1	3749946	9.10E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1120	RESIDENT	400380.1	3750146	9.01E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1077	RESIDENT	400340.1	3750126	8.99E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	RESIDENT	400200.1	3749906	8.91E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	RESIDENT	400540.1	3749846	8.77E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769	RESIDENT	400200.1	3749966	8.74E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1006	RESIDENT	400560.1	3750086	8.66E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1165	RESIDENT	400460.1	3750166	8.65E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1164	RESIDENT	400440.1	3750166	8.61E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	RESIDENT	400560.1	3749886	8.55E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1127	RESIDENT	400520.1	3750146	8.55E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1087	RESIDENT	400540.1	3750126	8.54E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	RESIDENT	400480.1	3749786	8.50E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1166	RESIDENT	400480.1	3750166	8.47E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	RESIDENT	400200.1	3749886	8.39E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1163	RESIDENT	400420.1	3750166	8.37E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
811	RESIDENT	400580.1	3749986	8.25E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	RESIDENT	400580.1	3750006	8.20E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779	RESIDENT	400580.1	3749966	8.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1119	RESIDENT	400360.1	3750146	8.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
992	RESIDENT	400280.1	3750086	8.13E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
950	RESIDENT	400260.1	3750066	8.11E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1167	RESIDENT	400500.1	3750166	8.08E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801	RESIDENT	400200.1	3749986	8.07E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
908	RESIDENT	400240.1	3750046	8.05E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
884	RESIDENT	400580.1	3750026	8.03E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1034	RESIDENT	400300.1	3750106	8.01E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1047	RESIDENT	400560.1	3750106	8.01E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1162	RESIDENT	400400.1	3750166	7.96E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747	RESIDENT	400580.1	3749946	7.95E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	RESIDENT	400400.1	3749766	7.90E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
925	RESIDENT	400580.1	3750046	7.79E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	RESIDENT	400420.1	3749766	7.77E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866	RESIDENT	400220.1	3750026	7.76E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1076	RESIDENT	400320.1	3750126	7.72E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	RESIDENT	400560.1	3749866	7.67E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1128	RESIDENT	400540.1	3750146	7.66E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	RESIDENT	400200.1	3749866	7.61E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715	RESIDENT	400580.1	3749926	7.60E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	RESIDENT	400520.1	3749806	7.56E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1168	RESIDENT	400520.1	3750166	7.53E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
966	RESIDENT	400580.1	3750066	7.48E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	RESIDENT	400440.1	3749766	7.41E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1161	RESIDENT	400380.1	3750166	7.38E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088	RESIDENT	400560.1	3750126	7.37E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1206	RESIDENT	400460.1	3750186	7.36E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	RESIDENT	400540.1	3749826	7.36E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1207	RESIDENT	400480.1	3750186	7.28E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1205	RESIDENT	400440.1	3750186	7.27E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704	RESIDENT	400180.1	3749926	7.23E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1118	RESIDENT	400340.1	3750146	7.22E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	RESIDENT	400180.1	3749946	7.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833	RESIDENT	400200.1	3750006	7.16E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	RESIDENT	400580.1	3749906	7.14E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1007	RESIDENT	400580.1	3750086	7.12E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	RESIDENT	400500.1	3749786	7.09E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672	RESIDENT	400180.1	3749906	7.08E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1208	RESIDENT	400500.1	3750186	7.03E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1204	RESIDENT	400420.1	3750186	7.03E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768	RESIDENT	400180.1	3749966	6.88E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1169	RESIDENT	400540.1	3750166	6.87E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	RESIDENT	400460.1	3749766	6.84E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	RESIDENT	400560.1	3749846	6.75E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1129	RESIDENT	400560.1	3750146	6.74E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1048	RESIDENT	400580.1	3750106	6.72E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	RESIDENT	400180.1	3749886	6.71E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1160	RESIDENT	400360.1	3750166	6.69E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209	RESIDENT	400520.1	3750186	6.65E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1203	RESIDENT	400400.1	3750186	6.64E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	RESIDENT	400580.1	3749886	6.60E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1033	RESIDENT	400280.1	3750106	6.46E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812	RESIDENT	400600.1	3749986	6.46E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844	RESIDENT	400600.1	3750006	6.46E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
991	RESIDENT	400260.1	3750086	6.44E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
949	RESIDENT	400240.1	3750066	6.43E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1075	RESIDENT	400300.1	3750126	6.41E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
885	RESIDENT	400600.1	3750026	6.39E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780	RESIDENT	400600.1	3749966	6.38E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800	RESIDENT	400180.1	3749986	6.38E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
907	RESIDENT	400220.1	3750046	6.36E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1247	RESIDENT	400460.1	3750206	6.32E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1248	RESIDENT	400480.1	3750206	6.30E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1089	RESIDENT	400580.1	3750126	6.30E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
926	RESIDENT	400600.1	3750046	6.26E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1117	RESIDENT	400320.1	3750146	6.25E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748	RESIDENT	400600.1	3749946	6.21E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1246	RESIDENT	400440.1	3750206	6.20E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	RESIDENT	400180.1	3749866	6.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1210	RESIDENT	400540.1	3750186	6.16E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1170	RESIDENT	400560.1	3750166	6.16E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1249	RESIDENT	400500.1	3750206	6.15E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1202	RESIDENT	400380.1	3750186	6.14E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	RESIDENT	400200.1	3750026	6.14E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	RESIDENT	400480.1	3749766	6.12E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
967	RESIDENT	400600.1	3750066	6.08E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	RESIDENT	400540.1	3749806	6.04E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	RESIDENT	400580.1	3749866	6.01E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	RESIDENT	400600.1	3749926	5.96E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1245	RESIDENT	400420.1	3750206	5.96E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1159	RESIDENT	400340.1	3750166	5.92E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1250	RESIDENT	400520.1	3750206	5.89E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	RESIDENT	400520.1	3749786	5.88E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1130	RESIDENT	400580.1	3750146	5.87E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703	RESIDENT	400160.1	3749926	5.87E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1008	RESIDENT	400600.1	3750086	5.87E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	RESIDENT	400560.1	3749826	5.82E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735	RESIDENT	400160.1	3749946	5.80E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671	RESIDENT	400160.1	3749906	5.77E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832	RESIDENT	400180.1	3750006	5.73E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	RESIDENT	400400.1	3749746	5.68E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	RESIDENT	400600.1	3749906	5.64E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1049	RESIDENT	400600.1	3750106	5.63E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1244	RESIDENT	400400.1	3750206	5.61E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1211	RESIDENT	400560.1	3750186	5.61E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	RESIDENT	400420.1	3749746	5.60E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
767	RESIDENT	400160.1	3749966	5.57E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1201	RESIDENT	400360.1	3750186	5.56E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1251	RESIDENT	400540.1	3750206	5.53E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	RESIDENT	400160.1	3749886	5.51E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1289	RESIDENT	400480.1	3750226	5.49E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1288	RESIDENT	400460.1	3750226	5.46E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1171	RESIDENT	400580.1	3750166	5.45E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1290	RESIDENT	400500.1	3750226	5.41E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	RESIDENT	400440.1	3749746	5.38E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	RESIDENT	400580.1	3749846	5.38E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1090	RESIDENT	400600.1	3750126	5.36E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	RESIDENT	400500.1	3749766	5.35E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1287	RESIDENT	400440.1	3750226	5.33E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1074	RESIDENT	400280.1	3750126	5.28E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	RESIDENT	400600.1	3749886	5.27E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1116	RESIDENT	400300.1	3750146	5.26E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1032	RESIDENT	400260.1	3750106	5.26E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
990	RESIDENT	400240.1	3750086	5.24E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
948	RESIDENT	400220.1	3750066	5.24E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1291	RESIDENT	400520.1	3750226	5.23E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845	RESIDENT	400620.1	3750006	5.20E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799	RESIDENT	400160.1	3749986	5.19E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813	RESIDENT	400620.1	3749986	5.18E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1243	RESIDENT	400380.1	3750206	5.18E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
906	RESIDENT	400200.1	3750046	5.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
886	RESIDENT	400620.1	3750026	5.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1158	RESIDENT	400320.1	3750166	5.15E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	RESIDENT	400160.1	3749866	5.12E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781	RESIDENT	400620.1	3749966	5.11E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1252	RESIDENT	400560.1	3750206	5.11E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
927	RESIDENT	400620.1	3750046	5.10E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1286	RESIDENT	400420.1	3750226	5.10E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1131	RESIDENT	400600.1	3750146	5.08E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	RESIDENT	400460.1	3749746	5.05E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1212	RESIDENT	400580.1	3750186	5.04E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864	RESIDENT	400180.1	3750026	5.00E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
968	RESIDENT	400620.1	3750066	5.00E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749	RESIDENT	400620.1	3749946	4.99E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1292	RESIDENT	400540.1	3750226	4.97E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	RESIDENT	400560.1	3749806	4.94E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200	RESIDENT	400340.1	3750186	4.93E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	RESIDENT	400540.1	3749786	4.92E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1009	RESIDENT	400620.1	3750086	4.88E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	RESIDENT	400140.1	3749926	4.87E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	RESIDENT	400600.1	3749866	4.85E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1330	RESIDENT	400480.1	3750246	4.81E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	RESIDENT	400140.1	3749906	4.81E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717	RESIDENT	400620.1	3749926	4.81E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734	RESIDENT	400140.1	3749946	4.81E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1285	RESIDENT	400400.1	3750226	4.79E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1172	RESIDENT	400600.1	3750166	4.78E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1331	RESIDENT	400500.1	3750246	4.78E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1329	RESIDENT	400460.1	3750246	4.76E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	RESIDENT	400580.1	3749826	4.74E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1050	RESIDENT	400620.1	3750106	4.73E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	RESIDENT	400160.1	3750006	4.70E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1242	RESIDENT	400360.1	3750206	4.70E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1332	RESIDENT	400520.1	3750246	4.67E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1253	RESIDENT	400580.1	3750206	4.66E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1293	RESIDENT	400560.1	3750226	4.65E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

476	RESIDENT	400520.1	3749766	4.64E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	RESIDENT	400480.1	3749746	4.63E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	RESIDENT	400140.1	3749886	4.62E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1328	RESIDENT	400440.1	3750246	4.62E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
766	RESIDENT	400140.1	3749966	4.61E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	RESIDENT	400620.1	3749906	4.58E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1091	RESIDENT	400620.1	3750126	4.56E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1213	RESIDENT	400600.1	3750186	4.49E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1333	RESIDENT	400540.1	3750246	4.48E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1284	RESIDENT	400380.1	3750226	4.42E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1115	RESIDENT	400280.1	3750146	4.41E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	RESIDENT	400600.1	3749846	4.41E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1327	RESIDENT	400420.1	3750246	4.40E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1157	RESIDENT	400300.1	3750166	4.39E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1073	RESIDENT	400260.1	3750126	4.38E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1132	RESIDENT	400620.1	3750146	4.37E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
989	RESIDENT	400220.1	3750086	4.37E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
947	RESIDENT	400200.1	3750066	4.37E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1031	RESIDENT	400240.1	3750106	4.37E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606	RESIDENT	400140.1	3749866	4.33E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798	RESIDENT	400140.1	3749986	4.32E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	RESIDENT	400620.1	3749886	4.31E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
905	RESIDENT	400180.1	3750046	4.31E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	RESIDENT	400400.1	3749726	4.29E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1294	RESIDENT	400580.1	3750226	4.29E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1199	RESIDENT	400320.1	3750186	4.29E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846	RESIDENT	400640.1	3750006	4.26E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
887	RESIDENT	400640.1	3750026	4.25E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814	RESIDENT	400640.1	3749986	4.24E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1372	RESIDENT	400500.1	3750266	4.24E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	RESIDENT	400420.1	3749726	4.24E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1371	RESIDENT	400480.1	3750266	4.24E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1334	RESIDENT	400560.1	3750246	4.24E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
928	RESIDENT	400640.1	3750046	4.22E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1254	RESIDENT	400600.1	3750206	4.20E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782	RESIDENT	400640.1	3749966	4.19E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1241	RESIDENT	400340.1	3750206	4.18E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1173	RESIDENT	400620.1	3750166	4.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1373	RESIDENT	400520.1	3750266	4.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
863	RESIDENT	400160.1	3750026	4.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	RESIDENT	400500.1	3749746	4.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1370	RESIDENT	400460.1	3750266	4.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
969	RESIDENT	400640.1	3750066	4.16E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	RESIDENT	400560.1	3749786	4.15E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1326	RESIDENT	400400.1	3750246	4.13E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	RESIDENT	400580.1	3749806	4.12E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701	RESIDENT	400120.1	3749926	4.11E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	RESIDENT	400440.1	3749726	4.10E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750	RESIDENT	400640.1	3749946	4.09E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1010	RESIDENT	400640.1	3750086	4.08E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	RESIDENT	400120.1	3749906	4.07E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733	RESIDENT	400120.1	3749946	4.05E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1374	RESIDENT	400540.1	3750266	4.04E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1369	RESIDENT	400440.1	3750266	4.03E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	RESIDENT	400540.1	3749766	4.01E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1283	RESIDENT	400360.1	3750226	4.01E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	RESIDENT	400620.1	3749866	4.01E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1051	RESIDENT	400640.1	3750106	3.99E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1214	RESIDENT	400620.1	3750186	3.97E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

718	RESIDENT	400640.1	3749926	3.96E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	RESIDENT	400140.1	3749846	3.96E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1335	RESIDENT	400580.1	3750246	3.95E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	RESIDENT	400600.1	3749826	3.95E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830	RESIDENT	400140.1	3750006	3.95E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
637	RESIDENT	400120.1	3749886	3.94E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1295	RESIDENT	400600.1	3750226	3.92E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765	RESIDENT	400120.1	3749966	3.89E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1092	RESIDENT	400640.1	3750126	3.89E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	RESIDENT	400460.1	3749726	3.89E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1375	RESIDENT	400560.1	3750266	3.86E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1368	RESIDENT	400420.1	3750266	3.83E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1325	RESIDENT	400380.1	3750246	3.81E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686	RESIDENT	400640.1	3749906	3.79E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1413	RESIDENT	400500.1	3750286	3.78E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1133	RESIDENT	400640.1	3750146	3.77E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1255	RESIDENT	400620.1	3750206	3.75E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1412	RESIDENT	400480.1	3750286	3.75E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1414	RESIDENT	400520.1	3750286	3.74E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1156	RESIDENT	400280.1	3750166	3.74E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1114	RESIDENT	400260.1	3750146	3.72E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	RESIDENT	400520.1	3749746	3.72E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	RESIDENT	400120.1	3749866	3.72E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
988	RESIDENT	400200.1	3750086	3.70E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1072	RESIDENT	400240.1	3750126	3.70E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
946	RESIDENT	400180.1	3750066	3.70E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1030	RESIDENT	400220.1	3750106	3.70E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1198	RESIDENT	400300.1	3750186	3.70E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	RESIDENT	400620.1	3749846	3.68E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1411	RESIDENT	400460.1	3750286	3.67E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1240	RESIDENT	400320.1	3750206	3.67E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797	RESIDENT	400120.1	3749986	3.65E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1415	RESIDENT	400540.1	3750286	3.65E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
904	RESIDENT	400160.1	3750046	3.65E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1336	RESIDENT	400600.1	3750246	3.65E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1376	RESIDENT	400580.1	3750266	3.64E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1174	RESIDENT	400640.1	3750166	3.63E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	RESIDENT	400480.1	3749726	3.63E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	RESIDENT	400640.1	3749886	3.60E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1282	RESIDENT	400340.1	3750226	3.59E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1367	RESIDENT	400400.1	3750266	3.59E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	RESIDENT	400660.1	3750006	3.55E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	RESIDENT	400580.1	3749786	3.55E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
888	RESIDENT	400660.1	3750026	3.55E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1296	RESIDENT	400620.1	3750226	3.54E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1410	RESIDENT	400440.1	3750286	3.54E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862	RESIDENT	400140.1	3750026	3.54E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	RESIDENT	400140.1	3749826	3.54E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
815	RESIDENT	400660.1	3749986	3.53E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
929	RESIDENT	400660.1	3750046	3.53E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1416	RESIDENT	400560.1	3750286	3.52E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	RESIDENT	400100.1	3749926	3.52E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	RESIDENT	400100.1	3749906	3.50E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
970	RESIDENT	400660.1	3750066	3.50E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	RESIDENT	400600.1	3749806	3.49E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783	RESIDENT	400660.1	3749966	3.49E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1215	RESIDENT	400640.1	3750186	3.49E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	RESIDENT	400560.1	3749766	3.49E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1324	RESIDENT	400360.1	3750246	3.47E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

732	RESIDENT	400100.1	3749946	3.46E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1011	RESIDENT	400660.1	3750086	3.45E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	RESIDENT	400120.1	3749846	3.43E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751	RESIDENT	400660.1	3749946	3.42E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	RESIDENT	400100.1	3749886	3.40E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1052	RESIDENT	400660.1	3750106	3.39E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1377	RESIDENT	400600.1	3750266	3.39E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1454	RESIDENT	400500.1	3750306	3.38E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	RESIDENT	400640.1	3749866	3.37E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	RESIDENT	400400.1	3749706	3.37E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1455	RESIDENT	400520.1	3750306	3.37E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829	RESIDENT	400120.1	3750006	3.36E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1409	RESIDENT	400420.1	3750286	3.36E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1417	RESIDENT	400580.1	3750286	3.35E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	RESIDENT	400620.1	3749826	3.34E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1453	RESIDENT	400480.1	3750306	3.34E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1256	RESIDENT	400640.1	3750206	3.34E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	RESIDENT	400500.1	3749726	3.34E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1337	RESIDENT	400620.1	3750246	3.33E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1093	RESIDENT	400660.1	3750126	3.33E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764	RESIDENT	400100.1	3749966	3.33E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	RESIDENT	400420.1	3749706	3.33E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
719	RESIDENT	400660.1	3749926	3.32E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1366	RESIDENT	400380.1	3750266	3.31E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1456	RESIDENT	400540.1	3750306	3.31E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	RESIDENT	400540.1	3749746	3.31E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1452	RESIDENT	400460.1	3750306	3.25E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1134	RESIDENT	400660.1	3750146	3.25E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	RESIDENT	400440.1	3749706	3.24E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	RESIDENT	400100.1	3749866	3.23E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1457	RESIDENT	400560.1	3750306	3.21E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1155	RESIDENT	400260.1	3750166	3.20E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1197	RESIDENT	400280.1	3750186	3.20E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	RESIDENT	400660.1	3749906	3.20E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1239	RESIDENT	400300.1	3750206	3.19E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
987	RESIDENT	400180.1	3750086	3.18E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1113	RESIDENT	400240.1	3750146	3.18E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1297	RESIDENT	400640.1	3750226	3.18E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
945	RESIDENT	400160.1	3750066	3.18E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1281	RESIDENT	400320.1	3750226	3.18E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1071	RESIDENT	400220.1	3750126	3.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1029	RESIDENT	400200.1	3750106	3.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1175	RESIDENT	400660.1	3750166	3.16E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1418	RESIDENT	400600.1	3750286	3.15E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1408	RESIDENT	400400.1	3750286	3.14E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796	RESIDENT	400100.1	3749986	3.14E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
903	RESIDENT	400140.1	3750046	3.13E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1378	RESIDENT	400620.1	3750266	3.13E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1451	RESIDENT	400440.1	3750306	3.13E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	RESIDENT	400640.1	3749846	3.12E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1323	RESIDENT	400340.1	3750246	3.12E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	RESIDENT	400140.1	3749806	3.11E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	RESIDENT	400120.1	3749826	3.10E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	RESIDENT	400460.1	3749706	3.10E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1458	RESIDENT	400580.1	3750306	3.08E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	RESIDENT	400600.1	3749786	3.06E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1216	RESIDENT	400660.1	3750186	3.06E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	RESIDENT	400080.1	3749926	3.05E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	RESIDENT	400660.1	3749886	3.05E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

479	RESIDENT	400580.1	3749766	3.04E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861	RESIDENT	400120.1	3750026	3.04E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	RESIDENT	400520.1	3749726	3.04E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	RESIDENT	400080.1	3749906	3.04E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1338	RESIDENT	400640.1	3750246	3.02E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1365	RESIDENT	400360.1	3750266	3.02E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	RESIDENT	400100.1	3749846	3.00E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848	RESIDENT	400680.1	3750006	3.00E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
889	RESIDENT	400680.1	3750026	3.00E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	RESIDENT	400620.1	3749806	3.00E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731	RESIDENT	400080.1	3749946	3.00E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
930	RESIDENT	400680.1	3750046	2.99E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816	RESIDENT	400680.1	3749986	2.99E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
971	RESIDENT	400680.1	3750066	2.97E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1450	RESIDENT	400420.1	3750306	2.96E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	RESIDENT	400080.1	3749886	2.96E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1257	RESIDENT	400660.1	3750206	2.96E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784	RESIDENT	400680.1	3749966	2.95E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1012	RESIDENT	400680.1	3750086	2.94E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	RESIDENT	400560.1	3749746	2.94E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1419	RESIDENT	400620.1	3750286	2.93E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	RESIDENT	400480.1	3749706	2.92E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1459	RESIDENT	400600.1	3750306	2.92E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1053	RESIDENT	400680.1	3750106	2.91E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828	RESIDENT	400100.1	3750006	2.90E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1407	RESIDENT	400380.1	3750286	2.90E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752	RESIDENT	400680.1	3749946	2.90E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	RESIDENT	400080.1	3749966	2.88E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
623	RESIDENT	400660.1	3749866	2.87E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1094	RESIDENT	400680.1	3750126	2.87E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1379	RESIDENT	400640.1	3750266	2.86E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	RESIDENT	400640.1	3749826	2.86E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1298	RESIDENT	400660.1	3750226	2.84E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	RESIDENT	400080.1	3749866	2.83E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	RESIDENT	400680.1	3749926	2.83E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1135	RESIDENT	400680.1	3750146	2.81E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1280	RESIDENT	400300.1	3750226	2.79E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1238	RESIDENT	400280.1	3750206	2.79E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1322	RESIDENT	400320.1	3750246	2.77E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1196	RESIDENT	400260.1	3750186	2.77E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1449	RESIDENT	400400.1	3750306	2.77E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
986	RESIDENT	400160.1	3750086	2.77E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1154	RESIDENT	400240.1	3750166	2.76E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
944	RESIDENT	400140.1	3750066	2.76E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1028	RESIDENT	400180.1	3750106	2.76E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	RESIDENT	400120.1	3749806	2.76E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1112	RESIDENT	400220.1	3750146	2.75E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1176	RESIDENT	400680.1	3750166	2.75E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	RESIDENT	400540.1	3749726	2.75E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1070	RESIDENT	400200.1	3750126	2.75E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1460	RESIDENT	400620.1	3750306	2.74E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	RESIDENT	400100.1	3749826	2.74E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	RESIDENT	400680.1	3749906	2.73E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1364	RESIDENT	400340.1	3750266	2.73E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	RESIDENT	400500.1	3749706	2.73E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795	RESIDENT	400080.1	3749986	2.73E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1339	RESIDENT	400660.1	3750246	2.73E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
902	RESIDENT	400120.1	3750046	2.72E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	RESIDENT	400400.1	3749686	2.71E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1420	RESIDENT	400640.1	3750286	2.71E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	RESIDENT	400140.1	3749786	2.70E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1217	RESIDENT	400680.1	3750186	2.69E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	RESIDENT	400420.1	3749686	2.68E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	RESIDENT	400660.1	3749846	2.68E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	RESIDENT	400600.1	3749766	2.67E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	RESIDENT	400620.1	3749786	2.67E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	RESIDENT	400060.1	3749926	2.67E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	RESIDENT	400060.1	3749906	2.66E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1406	RESIDENT	400360.1	3750286	2.65E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	RESIDENT	400080.1	3749846	2.65E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860	RESIDENT	400100.1	3750026	2.65E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	RESIDENT	400440.1	3749686	2.62E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730	RESIDENT	400060.1	3749946	2.62E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1258	RESIDENT	400680.1	3750206	2.61E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	RESIDENT	400680.1	3749886	2.61E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	RESIDENT	400580.1	3749746	2.61E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	RESIDENT	400060.1	3749886	2.60E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1380	RESIDENT	400660.1	3750266	2.60E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	RESIDENT	400640.1	3749806	2.60E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
890	RESIDENT	400700.1	3750026	2.57E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849	RESIDENT	400700.1	3750006	2.57E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
931	RESIDENT	400700.1	3750046	2.56E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1448	RESIDENT	400380.1	3750306	2.56E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817	RESIDENT	400700.1	3749986	2.56E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1461	RESIDENT	400640.1	3750306	2.55E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
972	RESIDENT	400700.1	3750066	2.55E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827	RESIDENT	400080.1	3750006	2.54E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1299	RESIDENT	400680.1	3750226	2.53E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785	RESIDENT	400700.1	3749966	2.53E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1013	RESIDENT	400700.1	3750086	2.53E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	RESIDENT	400460.1	3749686	2.53E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	RESIDENT	400060.1	3749966	2.53E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	RESIDENT	400520.1	3749706	2.52E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1054	RESIDENT	400700.1	3750106	2.51E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	RESIDENT	400060.1	3749866	2.50E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753	RESIDENT	400700.1	3749946	2.49E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	RESIDENT	400560.1	3749726	2.49E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1421	RESIDENT	400660.1	3750286	2.48E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	RESIDENT	400660.1	3749826	2.48E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1095	RESIDENT	400700.1	3750126	2.48E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	RESIDENT	400680.1	3749866	2.48E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	RESIDENT	400100.1	3749806	2.47E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1321	RESIDENT	400300.1	3750246	2.45E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1279	RESIDENT	400280.1	3750226	2.45E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1340	RESIDENT	400680.1	3750246	2.45E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1136	RESIDENT	400700.1	3750146	2.45E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	RESIDENT	400080.1	3749826	2.44E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1363	RESIDENT	400320.1	3750266	2.44E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
985	RESIDENT	400140.1	3750086	2.43E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
721	RESIDENT	400700.1	3749926	2.43E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1237	RESIDENT	400260.1	3750206	2.43E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1027	RESIDENT	400160.1	3750106	2.43E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	RESIDENT	400120.1	3749786	2.43E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
943	RESIDENT	400120.1	3750066	2.42E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1069	RESIDENT	400180.1	3750126	2.42E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1195	RESIDENT	400240.1	3750186	2.41E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1153	RESIDENT	400220.1	3750166	2.41E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1111	RESIDENT	400200.1	3750146	2.41E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1177	RESIDENT	400700.1	3750166	2.41E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	RESIDENT	400480.1	3749686	2.41E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1405	RESIDENT	400340.1	3750286	2.40E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794	RESIDENT	400060.1	3749986	2.39E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
901	RESIDENT	400100.1	3750046	2.39E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1218	RESIDENT	400700.1	3750186	2.36E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	RESIDENT	400060.1	3749846	2.36E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	RESIDENT	400620.1	3749766	2.36E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1462	RESIDENT	400660.1	3750306	2.36E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	RESIDENT	400700.1	3749906	2.36E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1381	RESIDENT	400680.1	3750266	2.36E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	RESIDENT	400040.1	3749906	2.35E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	RESIDENT	400040.1	3749926	2.35E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1447	RESIDENT	400360.1	3750306	2.35E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	RESIDENT	400640.1	3749786	2.34E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	RESIDENT	400140.1	3749766	2.33E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	RESIDENT	400680.1	3749846	2.33E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	RESIDENT	400600.1	3749746	2.33E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859	RESIDENT	400080.1	3750026	2.33E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	RESIDENT	400540.1	3749706	2.32E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1259	RESIDENT	400700.1	3750206	2.31E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	RESIDENT	400040.1	3749886	2.31E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729	RESIDENT	400040.1	3749946	2.31E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	RESIDENT	400660.1	3749806	2.27E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	RESIDENT	400500.1	3749686	2.27E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	RESIDENT	400700.1	3749886	2.27E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1422	RESIDENT	400680.1	3750286	2.27E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300	RESIDENT	400700.1	3750226	2.26E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	RESIDENT	400580.1	3749726	2.25E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826	RESIDENT	400060.1	3750006	2.24E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	RESIDENT	400400.1	3749666	2.23E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761	RESIDENT	400040.1	3749966	2.23E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	RESIDENT	400040.1	3749866	2.23E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
891	RESIDENT	400720.1	3750026	2.22E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	RESIDENT	400720.1	3750006	2.22E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
932	RESIDENT	400720.1	3750046	2.22E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	RESIDENT	400080.1	3749806	2.22E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818	RESIDENT	400720.1	3749986	2.21E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	RESIDENT	400420.1	3749666	2.21E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
973	RESIDENT	400720.1	3750066	2.21E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1341	RESIDENT	400700.1	3750246	2.20E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786	RESIDENT	400720.1	3749966	2.19E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1014	RESIDENT	400720.1	3750086	2.19E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	RESIDENT	400100.1	3749786	2.19E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	RESIDENT	400060.1	3749826	2.19E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055	RESIDENT	400720.1	3750106	2.18E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1362	RESIDENT	400300.1	3750266	2.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	RESIDENT	400680.1	3749826	2.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1463	RESIDENT	400680.1	3750306	2.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	RESIDENT	400440.1	3749666	2.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1320	RESIDENT	400280.1	3750246	2.16E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754	RESIDENT	400720.1	3749946	2.16E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	RESIDENT	400700.1	3749866	2.16E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1404	RESIDENT	400320.1	3750286	2.16E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1096	RESIDENT	400720.1	3750126	2.16E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1278	RESIDENT	400260.1	3750226	2.15E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1026	RESIDENT	400140.1	3750106	2.15E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
984	RESIDENT	400120.1	3750086	2.15E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1068	RESIDENT	400160.1	3750126	2.14E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

942	RESIDENT	400100.1	3750066	2.14E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1137	RESIDENT	400720.1	3750146	2.14E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1236	RESIDENT	400240.1	3750206	2.14E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1446	RESIDENT	400340.1	3750306	2.14E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1110	RESIDENT	400180.1	3750146	2.13E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1382	RESIDENT	400700.1	3750266	2.13E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1152	RESIDENT	400200.1	3750166	2.13E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	RESIDENT	400560.1	3749706	2.13E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1194	RESIDENT	400220.1	3750186	2.12E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	RESIDENT	400520.1	3749686	2.12E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793	RESIDENT	400040.1	3749986	2.12E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	RESIDENT	400120.1	3749766	2.12E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	RESIDENT	400720.1	3749926	2.12E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	RESIDENT	400040.1	3749846	2.12E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900	RESIDENT	400080.1	3750046	2.12E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1178	RESIDENT	400720.1	3750166	2.11E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	RESIDENT	400460.1	3749666	2.10E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	RESIDENT	400640.1	3749766	2.10E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	RESIDENT	400020.1	3749906	2.10E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	RESIDENT	400020.1	3749926	2.09E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	RESIDENT	400620.1	3749746	2.09E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1219	RESIDENT	400720.1	3750186	2.08E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	RESIDENT	400660.1	3749786	2.07E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858	RESIDENT	400060.1	3750026	2.06E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	RESIDENT	400020.1	3749886	2.06E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690	RESIDENT	400720.1	3749906	2.06E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1423	RESIDENT	400700.1	3750286	2.06E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
728	RESIDENT	400020.1	3749946	2.05E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1260	RESIDENT	400720.1	3750206	2.05E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	RESIDENT	400700.1	3749846	2.04E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	RESIDENT	400600.1	3749726	2.03E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	RESIDENT	400140.1	3749746	2.02E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	RESIDENT	400480.1	3749666	2.01E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1301	RESIDENT	400720.1	3750226	2.01E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	RESIDENT	400680.1	3749806	2.01E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	RESIDENT	400060.1	3749806	2.00E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	RESIDENT	400020.1	3749866	2.00E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	RESIDENT	400080.1	3749786	1.99E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825	RESIDENT	400040.1	3750006	1.99E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	RESIDENT	400720.1	3749886	1.99E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1464	RESIDENT	400700.1	3750306	1.99E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760	RESIDENT	400020.1	3749966	1.98E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	RESIDENT	400040.1	3749826	1.98E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	RESIDENT	400540.1	3749686	1.97E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1342	RESIDENT	400720.1	3750246	1.97E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	RESIDENT	400580.1	3749706	1.95E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
892	RESIDENT	400740.1	3750026	1.94E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851	RESIDENT	400740.1	3750006	1.94E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
933	RESIDENT	400740.1	3750046	1.94E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1403	RESIDENT	400300.1	3750286	1.94E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
819	RESIDENT	400740.1	3749986	1.94E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	RESIDENT	400100.1	3749766	1.93E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1361	RESIDENT	400280.1	3750266	1.93E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
974	RESIDENT	400740.1	3750066	1.93E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1445	RESIDENT	400320.1	3750306	1.93E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787	RESIDENT	400740.1	3749966	1.92E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1015	RESIDENT	400740.1	3750086	1.92E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
983	RESIDENT	400100.1	3750086	1.92E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1319	RESIDENT	400260.1	3750246	1.92E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1383	RESIDENT	400720.1	3750266	1.92E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1025	RESIDENT	400120.1	3750106	1.92E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1067	RESIDENT	400140.1	3750126	1.92E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	RESIDENT	400500.1	3749666	1.91E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	RESIDENT	400700.1	3749826	1.91E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
941	RESIDENT	400080.1	3750066	1.91E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1056	RESIDENT	400740.1	3750106	1.91E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1277	RESIDENT	400240.1	3750226	1.91E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	RESIDENT	400020.1	3749846	1.91E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1109	RESIDENT	400160.1	3750146	1.91E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	RESIDENT	400720.1	3749866	1.90E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1151	RESIDENT	400180.1	3750166	1.90E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755	RESIDENT	400740.1	3749946	1.90E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1097	RESIDENT	400740.1	3750126	1.89E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1235	RESIDENT	400220.1	3750206	1.89E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792	RESIDENT	400020.1	3749986	1.89E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1193	RESIDENT	400200.1	3750186	1.89E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
899	RESIDENT	400060.1	3750046	1.89E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1138	RESIDENT	400740.1	3750146	1.88E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	RESIDENT	400000.1	3749906	1.88E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	RESIDENT	400640.1	3749746	1.87E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	RESIDENT	400660.1	3749766	1.87E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	RESIDENT	400000.1	3749926	1.87E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	RESIDENT	400400.1	3749646	1.87E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1424	RESIDENT	400720.1	3750286	1.87E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1179	RESIDENT	400740.1	3750166	1.86E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	RESIDENT	400740.1	3749926	1.86E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	RESIDENT	400420.1	3749646	1.86E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
631	RESIDENT	400000.1	3749886	1.85E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	RESIDENT	400120.1	3749746	1.85E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	RESIDENT	400040.1	3750026	1.84E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	RESIDENT	400620.1	3749726	1.84E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1220	RESIDENT	400740.1	3750186	1.84E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	RESIDENT	400680.1	3749786	1.84E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	RESIDENT	400000.1	3749946	1.84E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	RESIDENT	400560.1	3749686	1.83E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	RESIDENT	400440.1	3749646	1.82E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	RESIDENT	400040.1	3749806	1.82E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1261	RESIDENT	400740.1	3750206	1.82E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	RESIDENT	400060.1	3749786	1.81E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	RESIDENT	400740.1	3749906	1.81E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1465	RESIDENT	400720.1	3750306	1.81E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	RESIDENT	400520.1	3749666	1.81E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	RESIDENT	400720.1	3749846	1.80E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	RESIDENT	400000.1	3749866	1.80E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	RESIDENT	400020.1	3749826	1.79E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1302	RESIDENT	400740.1	3750226	1.79E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	RESIDENT	400700.1	3749806	1.78E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	RESIDENT	400020.1	3750006	1.78E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	RESIDENT	400600.1	3749706	1.78E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	RESIDENT	400000.1	3749966	1.78E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	RESIDENT	400460.1	3749646	1.77E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	RESIDENT	400080.1	3749766	1.77E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1343	RESIDENT	400740.1	3750246	1.76E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	RESIDENT	400740.1	3749886	1.75E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	RESIDENT	400140.1	3749726	1.75E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1444	RESIDENT	400300.1	3750306	1.74E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1402	RESIDENT	400280.1	3750286	1.73E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	RESIDENT	400000.1	3749846	1.73E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1384	RESIDENT	400740.1	3750266	1.73E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1360	RESIDENT	400260.1	3750266	1.72E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
982	RESIDENT	400080.1	3750086	1.72E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1024	RESIDENT	400100.1	3750106	1.72E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
940	RESIDENT	400060.1	3750066	1.72E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1066	RESIDENT	400120.1	3750126	1.71E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1108	RESIDENT	400140.1	3750146	1.71E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852	RESIDENT	400760.1	3750006	1.71E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
893	RESIDENT	400760.1	3750026	1.71E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1318	RESIDENT	400240.1	3750246	1.71E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	RESIDENT	400480.1	3749646	1.71E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820	RESIDENT	400760.1	3749986	1.71E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
934	RESIDENT	400760.1	3750046	1.71E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1150	RESIDENT	400160.1	3750166	1.71E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
975	RESIDENT	400760.1	3750066	1.70E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	RESIDENT	400720.1	3749826	1.70E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1276	RESIDENT	400220.1	3750226	1.70E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	RESIDENT	400100.1	3749746	1.70E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
791	RESIDENT	400000.1	3749986	1.70E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	RESIDENT	400540.1	3749666	1.70E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1192	RESIDENT	400180.1	3750186	1.70E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788	RESIDENT	400760.1	3749966	1.70E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
898	RESIDENT	400040.1	3750046	1.70E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1234	RESIDENT	400200.1	3750206	1.69E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	RESIDENT	400580.1	3749686	1.69E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1016	RESIDENT	400760.1	3750086	1.69E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	RESIDENT	400660.1	3749746	1.69E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1425	RESIDENT	400740.1	3750286	1.69E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	RESIDENT	400740.1	3749866	1.68E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1057	RESIDENT	400760.1	3750106	1.68E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	RESIDENT	400680.1	3749766	1.68E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	RESIDENT	400760.1	3749946	1.68E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1098	RESIDENT	400760.1	3750126	1.67E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	RESIDENT	400640.1	3749726	1.67E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	RESIDENT	400020.1	3749806	1.66E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	RESIDENT	400040.1	3749786	1.66E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1139	RESIDENT	400760.1	3750146	1.66E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
856	RESIDENT	400020.1	3750026	1.66E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1466	RESIDENT	400740.1	3750306	1.65E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	RESIDENT	400760.1	3749926	1.65E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1180	RESIDENT	400760.1	3750166	1.65E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	RESIDENT	400700.1	3749786	1.65E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	RESIDENT	400500.1	3749646	1.64E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1221	RESIDENT	400760.1	3750186	1.63E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	RESIDENT	400000.1	3749826	1.63E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	RESIDENT	400620.1	3749706	1.63E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	RESIDENT	400060.1	3749766	1.63E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1262	RESIDENT	400760.1	3750206	1.62E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	RESIDENT	400120.1	3749726	1.61E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	RESIDENT	400760.1	3749906	1.61E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	RESIDENT	400740.1	3749846	1.61E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823	RESIDENT	400000.1	3750006	1.60E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1303	RESIDENT	400760.1	3750226	1.60E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	RESIDENT	400720.1	3749806	1.59E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	RESIDENT	400400.1	3749626	1.59E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	RESIDENT	400560.1	3749666	1.59E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	RESIDENT	400380.1	3749626	1.59E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1344	RESIDENT	400760.1	3750246	1.58E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	RESIDENT	400420.1	3749626	1.58E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

265	RESIDENT	400360.1	3749626	1.57E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	RESIDENT	400080.1	3749746	1.57E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	RESIDENT	400600.1	3749686	1.56E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1443	RESIDENT	400280.1	3750306	1.56E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	RESIDENT	400760.1	3749886	1.56E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1401	RESIDENT	400260.1	3750286	1.56E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	RESIDENT	400520.1	3749646	1.56E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
981	RESIDENT	400060.1	3750086	1.56E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1385	RESIDENT	400760.1	3750266	1.56E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1023	RESIDENT	400080.1	3750106	1.55E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	RESIDENT	400440.1	3749626	1.55E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
939	RESIDENT	400040.1	3750066	1.55E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1065	RESIDENT	400100.1	3750126	1.55E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1359	RESIDENT	400240.1	3750266	1.55E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1107	RESIDENT	400120.1	3750146	1.54E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1149	RESIDENT	400140.1	3750166	1.54E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	RESIDENT	400340.1	3749626	1.54E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1191	RESIDENT	400160.1	3750186	1.54E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1317	RESIDENT	400220.1	3750246	1.53E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
897	RESIDENT	400020.1	3750046	1.53E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1275	RESIDENT	400200.1	3750226	1.53E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1233	RESIDENT	400180.1	3750206	1.53E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	RESIDENT	400680.1	3749746	1.53E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1426	RESIDENT	400760.1	3750286	1.53E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	RESIDENT	400020.1	3749786	1.52E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	RESIDENT	400000.1	3749806	1.52E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853	RESIDENT	400780.1	3750006	1.52E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	RESIDENT	400660.1	3749726	1.52E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
894	RESIDENT	400780.1	3750026	1.52E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	RESIDENT	400140.1	3749706	1.52E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	RESIDENT	400740.1	3749826	1.52E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	RESIDENT	400780.1	3749986	1.52E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	RESIDENT	400460.1	3749626	1.52E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
935	RESIDENT	400780.1	3750046	1.52E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	RESIDENT	400700.1	3749766	1.51E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
976	RESIDENT	400780.1	3750066	1.51E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789	RESIDENT	400780.1	3749966	1.51E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1017	RESIDENT	400780.1	3750086	1.50E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	RESIDENT	400760.1	3749866	1.50E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	RESIDENT	400040.1	3749766	1.50E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855	RESIDENT	400000.1	3750026	1.50E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1467	RESIDENT	400760.1	3750306	1.50E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	RESIDENT	400320.1	3749626	1.50E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1058	RESIDENT	400780.1	3750106	1.49E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	RESIDENT	400100.1	3749726	1.49E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	RESIDENT	400640.1	3749706	1.49E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	RESIDENT	400780.1	3749946	1.49E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1099	RESIDENT	400780.1	3750126	1.49E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	RESIDENT	400580.1	3749666	1.48E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	RESIDENT	400720.1	3749786	1.48E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1140	RESIDENT	400780.1	3750146	1.48E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	RESIDENT	400540.1	3749646	1.47E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	RESIDENT	400480.1	3749626	1.47E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	RESIDENT	400780.1	3749926	1.47E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1181	RESIDENT	400780.1	3750166	1.47E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1222	RESIDENT	400780.1	3750186	1.46E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	RESIDENT	400060.1	3749746	1.45E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1263	RESIDENT	400780.1	3750206	1.45E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	RESIDENT	400620.1	3749686	1.44E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

262	RESIDENT	400300.1	3749626	1.44E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	RESIDENT	400760.1	3749846	1.44E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	RESIDENT	400780.1	3749906	1.44E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1304	RESIDENT	400780.1	3750226	1.43E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	RESIDENT	400740.1	3749806	1.43E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1345	RESIDENT	400780.1	3750246	1.42E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
980	RESIDENT	400040.1	3750086	1.42E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	RESIDENT	400500.1	3749626	1.41E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	RESIDENT	400120.1	3749706	1.41E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1442	RESIDENT	400260.1	3750306	1.41E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1022	RESIDENT	400060.1	3750106	1.41E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
938	RESIDENT	400020.1	3750066	1.41E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1064	RESIDENT	400080.1	3750126	1.41E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400	RESIDENT	400240.1	3750286	1.41E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	RESIDENT	400000.1	3749786	1.41E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1386	RESIDENT	400780.1	3750266	1.40E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1106	RESIDENT	400100.1	3750146	1.40E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	RESIDENT	400780.1	3749886	1.40E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1358	RESIDENT	400220.1	3750266	1.40E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1190	RESIDENT	400140.1	3750186	1.39E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1148	RESIDENT	400120.1	3750166	1.39E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
896	RESIDENT	400000.1	3750046	1.39E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	RESIDENT	400560.1	3749646	1.39E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1232	RESIDENT	400160.1	3750206	1.39E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1316	RESIDENT	400200.1	3750246	1.39E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	RESIDENT	400700.1	3749746	1.39E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	RESIDENT	400680.1	3749726	1.39E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	RESIDENT	400080.1	3749726	1.39E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	RESIDENT	400020.1	3749766	1.39E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1274	RESIDENT	400180.1	3750226	1.39E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1427	RESIDENT	400780.1	3750286	1.38E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	RESIDENT	400280.1	3749626	1.38E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	RESIDENT	400600.1	3749666	1.38E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	RESIDENT	400720.1	3749766	1.37E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	RESIDENT	400660.1	3749706	1.37E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	RESIDENT	400400.1	3749606	1.37E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	RESIDENT	400760.1	3749826	1.37E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	RESIDENT	400380.1	3749606	1.37E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1468	RESIDENT	400780.1	3750306	1.36E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854	RESIDENT	400800.1	3750006	1.36E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
895	RESIDENT	400800.1	3750026	1.36E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	RESIDENT	400420.1	3749606	1.36E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822	RESIDENT	400800.1	3749986	1.36E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
936	RESIDENT	400800.1	3750046	1.36E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	RESIDENT	400520.1	3749626	1.35E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	RESIDENT	400360.1	3749606	1.35E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790	RESIDENT	400800.1	3749966	1.35E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
977	RESIDENT	400800.1	3750066	1.35E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
629	RESIDENT	400780.1	3749866	1.35E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	RESIDENT	400040.1	3749746	1.35E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1018	RESIDENT	400800.1	3750086	1.34E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	RESIDENT	400440.1	3749606	1.34E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	RESIDENT	400740.1	3749786	1.34E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	RESIDENT	400800.1	3749946	1.34E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	RESIDENT	400640.1	3749686	1.34E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1059	RESIDENT	400800.1	3750106	1.33E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	RESIDENT	400140.1	3749686	1.33E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	RESIDENT	400340.1	3749606	1.33E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100	RESIDENT	400800.1	3750126	1.33E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1141	RESIDENT	400800.1	3750146	1.32E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	RESIDENT	400260.1	3749626	1.32E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	RESIDENT	400800.1	3749926	1.32E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	RESIDENT	400100.1	3749706	1.32E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1182	RESIDENT	400800.1	3750166	1.31E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	RESIDENT	400460.1	3749606	1.31E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	RESIDENT	400580.1	3749646	1.31E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1223	RESIDENT	400800.1	3750186	1.31E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1264	RESIDENT	400800.1	3750206	1.30E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	RESIDENT	400320.1	3749606	1.30E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	RESIDENT	400780.1	3749846	1.29E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	RESIDENT	400060.1	3749726	1.29E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
979	RESIDENT	400020.1	3750086	1.29E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	RESIDENT	400760.1	3749806	1.29E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	RESIDENT	400800.1	3749906	1.29E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1021	RESIDENT	400040.1	3750106	1.29E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1305	RESIDENT	400800.1	3750226	1.29E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	RESIDENT	400540.1	3749626	1.29E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	RESIDENT	400000.1	3749766	1.29E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	RESIDENT	400620.1	3749666	1.29E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
937	RESIDENT	400000.1	3750066	1.29E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1063	RESIDENT	400060.1	3750126	1.28E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1441	RESIDENT	400240.1	3750306	1.28E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1105	RESIDENT	400080.1	3750146	1.28E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1346	RESIDENT	400800.1	3750246	1.28E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	RESIDENT	400480.1	3749606	1.28E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1399	RESIDENT	400220.1	3750286	1.27E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1147	RESIDENT	400100.1	3750166	1.27E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	RESIDENT	400700.1	3749726	1.27E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1357	RESIDENT	400200.1	3750266	1.27E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1387	RESIDENT	400800.1	3750266	1.27E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1231	RESIDENT	400140.1	3750206	1.27E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	RESIDENT	400720.1	3749746	1.26E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1189	RESIDENT	400120.1	3750186	1.26E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1273	RESIDENT	400160.1	3750226	1.26E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1315	RESIDENT	400180.1	3750246	1.26E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	RESIDENT	400680.1	3749706	1.26E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	RESIDENT	400800.1	3749886	1.26E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	RESIDENT	400300.1	3749606	1.26E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	RESIDENT	400020.1	3749746	1.25E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1428	RESIDENT	400800.1	3750286	1.25E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	RESIDENT	400240.1	3749626	1.25E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	RESIDENT	400740.1	3749766	1.25E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	RESIDENT	400120.1	3749686	1.24E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1469	RESIDENT	400800.1	3750306	1.24E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	RESIDENT	400780.1	3749826	1.23E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	RESIDENT	400660.1	3749686	1.23E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	RESIDENT	400500.1	3749606	1.23E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	RESIDENT	400080.1	3749706	1.23E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	RESIDENT	400600.1	3749646	1.23E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	RESIDENT	400560.1	3749626	1.22E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	RESIDENT	400800.1	3749866	1.22E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	RESIDENT	400760.1	3749786	1.21E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	RESIDENT	400280.1	3749606	1.21E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	RESIDENT	400040.1	3749726	1.21E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	RESIDENT	400640.1	3749666	1.20E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	RESIDENT	400400.1	3749586	1.19E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	RESIDENT	400380.1	3749586	1.19E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	RESIDENT	400520.1	3749606	1.19E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

978	RESIDENT	400000.1	3750086	1.18E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	RESIDENT	400220.1	3749626	1.18E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	RESIDENT	400420.1	3749586	1.18E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1020	RESIDENT	400020.1	3750106	1.18E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1062	RESIDENT	400040.1	3750126	1.18E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	RESIDENT	400360.1	3749586	1.18E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	RESIDENT	400140.1	3749666	1.18E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1104	RESIDENT	400060.1	3750146	1.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	RESIDENT	400780.1	3749806	1.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	RESIDENT	400800.1	3749846	1.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	RESIDENT	400000.1	3749746	1.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	RESIDENT	400440.1	3749586	1.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1146	RESIDENT	400080.1	3750166	1.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1440	RESIDENT	400220.1	3750306	1.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	RESIDENT	400100.1	3749686	1.16E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	RESIDENT	400720.1	3749726	1.16E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1398	RESIDENT	400200.1	3750286	1.16E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	RESIDENT	400700.1	3749706	1.16E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	RESIDENT	400340.1	3749586	1.16E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1188	RESIDENT	400100.1	3750186	1.16E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	RESIDENT	400260.1	3749606	1.16E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	RESIDENT	400580.1	3749626	1.16E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	RESIDENT	400740.1	3749746	1.16E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1272	RESIDENT	400140.1	3750226	1.16E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1356	RESIDENT	400180.1	3750266	1.16E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1230	RESIDENT	400120.1	3750206	1.16E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1314	RESIDENT	400160.1	3750246	1.15E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	RESIDENT	400060.1	3749706	1.15E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	RESIDENT	400620.1	3749646	1.15E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	RESIDENT	400460.1	3749586	1.15E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	RESIDENT	400680.1	3749686	1.14E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	RESIDENT	400760.1	3749766	1.14E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	RESIDENT	400540.1	3749606	1.14E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	RESIDENT	400320.1	3749586	1.13E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	RESIDENT	400020.1	3749726	1.13E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	RESIDENT	400800.1	3749826	1.12E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	RESIDENT	400480.1	3749586	1.12E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	RESIDENT	400200.1	3749626	1.12E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	RESIDENT	400660.1	3749666	1.11E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	RESIDENT	400780.1	3749786	1.11E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	RESIDENT	400240.1	3749606	1.10E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	RESIDENT	400120.1	3749666	1.10E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	RESIDENT	400300.1	3749586	1.10E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	RESIDENT	400080.1	3749686	1.09E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	RESIDENT	400600.1	3749626	1.09E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1019	RESIDENT	400000.1	3750106	1.09E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	RESIDENT	400500.1	3749586	1.08E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	RESIDENT	400560.1	3749606	1.08E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	RESIDENT	400040.1	3749706	1.08E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1061	RESIDENT	400020.1	3750126	1.08E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1103	RESIDENT	400040.1	3750146	1.08E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	RESIDENT	400640.1	3749646	1.08E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1145	RESIDENT	400060.1	3750166	1.07E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	RESIDENT	400740.1	3749726	1.07E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	RESIDENT	400720.1	3749706	1.07E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	RESIDENT	400800.1	3749806	1.07E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1439	RESIDENT	400200.1	3750306	1.07E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1187	RESIDENT	400080.1	3750186	1.07E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	RESIDENT	400280.1	3749586	1.06E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1397	RESIDENT	400180.1	3750286	1.06E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1229	RESIDENT	400100.1	3750206	1.06E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1271	RESIDENT	400120.1	3750226	1.06E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1313	RESIDENT	400140.1	3750246	1.06E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1355	RESIDENT	400160.1	3750266	1.06E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	RESIDENT	400760.1	3749746	1.06E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	RESIDENT	400000.1	3749726	1.06E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	RESIDENT	400700.1	3749686	1.06E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	RESIDENT	400180.1	3749626	1.05E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	RESIDENT	400220.1	3749606	1.05E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	RESIDENT	400520.1	3749586	1.05E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	RESIDENT	400140.1	3749646	1.05E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	RESIDENT	400400.1	3749566	1.04E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	RESIDENT	400380.1	3749566	1.04E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	RESIDENT	400780.1	3749766	1.04E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	RESIDENT	400420.1	3749566	1.04E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	RESIDENT	400680.1	3749666	1.04E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	RESIDENT	400100.1	3749666	1.04E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	RESIDENT	400360.1	3749566	1.03E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	RESIDENT	400580.1	3749606	1.03E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	RESIDENT	400620.1	3749626	1.03E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	RESIDENT	400060.1	3749686	1.03E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	RESIDENT	400440.1	3749566	1.03E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	RESIDENT	400260.1	3749586	1.02E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	RESIDENT	400340.1	3749566	1.02E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	RESIDENT	400020.1	3749706	1.02E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	RESIDENT	400800.1	3749786	1.01E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	RESIDENT	400460.1	3749566	1.01E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	RESIDENT	400660.1	3749646	1.01E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	RESIDENT	400540.1	3749586	1.01E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	RESIDENT	400320.1	3749566	1.00E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1060	RESIDENT	400000.1	3750126	9.97E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	RESIDENT	400200.1	3749606	9.94E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	RESIDENT	400160.1	3749626	9.93E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1102	RESIDENT	400020.1	3750146	9.92E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1144	RESIDENT	400040.1	3750166	9.91E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	RESIDENT	400740.1	3749706	9.89E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	RESIDENT	400480.1	3749566	9.87E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	RESIDENT	400760.1	3749726	9.87E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	RESIDENT	400120.1	3749646	9.84E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1186	RESIDENT	400060.1	3750186	9.83E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	RESIDENT	400720.1	3749686	9.83E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	RESIDENT	400240.1	3749586	9.81E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1438	RESIDENT	400180.1	3750306	9.80E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1228	RESIDENT	400080.1	3750206	9.79E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	RESIDENT	400600.1	3749606	9.79E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1396	RESIDENT	400160.1	3750286	9.78E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1270	RESIDENT	400100.1	3750226	9.78E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1312	RESIDENT	400120.1	3750246	9.78E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1354	RESIDENT	400140.1	3750266	9.77E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	RESIDENT	400080.1	3749666	9.76E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	RESIDENT	400780.1	3749746	9.75E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	RESIDENT	400300.1	3749566	9.75E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	RESIDENT	400640.1	3749626	9.71E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	RESIDENT	400040.1	3749686	9.69E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	RESIDENT	400700.1	3749666	9.67E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	RESIDENT	400560.1	3749586	9.66E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	RESIDENT	400500.1	3749566	9.61E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	RESIDENT	400000.1	3749706	9.58E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

490	RESIDENT	400800.1	3749766	9.56E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	RESIDENT	400280.1	3749566	9.45E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	RESIDENT	400680.1	3749646	9.44E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	RESIDENT	400180.1	3749606	9.42E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	RESIDENT	400140.1	3749626	9.36E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	RESIDENT	400220.1	3749586	9.36E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	RESIDENT	400520.1	3749566	9.31E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	RESIDENT	400100.1	3749646	9.28E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	RESIDENT	400620.1	3749606	9.28E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	RESIDENT	400400.1	3749546	9.23E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	RESIDENT	400580.1	3749586	9.23E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	RESIDENT	400380.1	3749546	9.22E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	RESIDENT	400060.1	3749666	9.21E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	RESIDENT	400420.1	3749546	9.19E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1101	RESIDENT	400000.1	3750146	9.18E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	RESIDENT	400760.1	3749706	9.17E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	RESIDENT	400360.1	3749546	9.16E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	RESIDENT	400020.1	3749686	9.15E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	RESIDENT	400660.1	3749626	9.14E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1143	RESIDENT	400020.1	3750166	9.14E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	RESIDENT	400740.1	3749686	9.13E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	RESIDENT	400260.1	3749566	9.12E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	RESIDENT	400780.1	3749726	9.12E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1185	RESIDENT	400040.1	3750186	9.11E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	RESIDENT	400440.1	3749546	9.10E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1227	RESIDENT	400060.1	3750206	9.07E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1311	RESIDENT	400100.1	3750246	9.05E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1437	RESIDENT	400160.1	3750306	9.05E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1269	RESIDENT	400080.1	3750226	9.05E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	RESIDENT	400340.1	3749546	9.05E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1395	RESIDENT	400140.1	3750286	9.04E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1353	RESIDENT	400120.1	3750266	9.04E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	RESIDENT	400720.1	3749666	9.03E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	RESIDENT	400800.1	3749746	9.00E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	RESIDENT	400540.1	3749566	8.99E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	RESIDENT	400460.1	3749546	8.96E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	RESIDENT	400200.1	3749586	8.91E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	RESIDENT	400160.1	3749606	8.91E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	RESIDENT	400320.1	3749546	8.89E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	RESIDENT	400700.1	3749646	8.85E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	RESIDENT	400120.1	3749626	8.84E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	RESIDENT	400600.1	3749586	8.81E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	RESIDENT	400640.1	3749606	8.79E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	RESIDENT	400480.1	3749546	8.78E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	RESIDENT	400240.1	3749566	8.77E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	RESIDENT	400080.1	3749646	8.77E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	RESIDENT	400040.1	3749666	8.72E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	RESIDENT	400300.1	3749546	8.68E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	RESIDENT	400000.1	3749686	8.66E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	RESIDENT	400560.1	3749566	8.65E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	RESIDENT	400680.1	3749626	8.61E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	RESIDENT	400500.1	3749546	8.57E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	RESIDENT	400780.1	3749706	8.51E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	RESIDENT	400760.1	3749686	8.50E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142	RESIDENT	400000.1	3750166	8.49E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	RESIDENT	400180.1	3749586	8.47E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	RESIDENT	400800.1	3749726	8.45E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	RESIDENT	400280.1	3749546	8.44E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1184	RESIDENT	400020.1	3750186	8.44E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

342	RESIDENT	400740.1	3749666	8.43E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	RESIDENT	400140.1	3749606	8.43E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1226	RESIDENT	400040.1	3750206	8.43E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	RESIDENT	400220.1	3749566	8.40E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1268	RESIDENT	400060.1	3750226	8.40E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1310	RESIDENT	400080.1	3750246	8.39E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1352	RESIDENT	400100.1	3750266	8.39E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	RESIDENT	400620.1	3749586	8.39E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1394	RESIDENT	400120.1	3750286	8.38E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1436	RESIDENT	400140.1	3750306	8.38E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	RESIDENT	400100.1	3749626	8.36E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	RESIDENT	400520.1	3749546	8.33E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	RESIDENT	400660.1	3749606	8.32E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	RESIDENT	400580.1	3749566	8.31E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	RESIDENT	400720.1	3749646	8.30E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	RESIDENT	400060.1	3749646	8.30E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	RESIDENT	400020.1	3749666	8.26E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	RESIDENT	400400.1	3749526	8.23E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	RESIDENT	400380.1	3749526	8.22E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	RESIDENT	400420.1	3749526	8.19E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	RESIDENT	400260.1	3749546	8.18E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	RESIDENT	400360.1	3749526	8.17E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	RESIDENT	400440.1	3749526	8.12E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	RESIDENT	400700.1	3749626	8.11E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	RESIDENT	400340.1	3749526	8.08E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	RESIDENT	400540.1	3749546	8.07E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	RESIDENT	400160.1	3749586	8.04E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	RESIDENT	400200.1	3749566	8.03E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	RESIDENT	400460.1	3749526	8.01E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	RESIDENT	400120.1	3749606	7.98E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	RESIDENT	400640.1	3749586	7.98E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	RESIDENT	400600.1	3749566	7.96E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	RESIDENT	400320.1	3749526	7.95E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	RESIDENT	400780.1	3749686	7.93E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	RESIDENT	400800.1	3749706	7.92E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	RESIDENT	400080.1	3749626	7.91E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	RESIDENT	400760.1	3749666	7.89E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	RESIDENT	400240.1	3749546	7.89E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1183	RESIDENT	400000.1	3750186	7.87E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	RESIDENT	400040.1	3749646	7.87E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	RESIDENT	400680.1	3749606	7.87E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	RESIDENT	400480.1	3749526	7.86E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	RESIDENT	400000.1	3749666	7.84E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1225	RESIDENT	400020.1	3750206	7.84E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1267	RESIDENT	400040.1	3750226	7.83E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1309	RESIDENT	400060.1	3750246	7.81E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1351	RESIDENT	400080.1	3750266	7.81E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	RESIDENT	400560.1	3749546	7.80E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1393	RESIDENT	400100.1	3750286	7.79E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	RESIDENT	400740.1	3749646	7.79E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1435	RESIDENT	400120.1	3750306	7.79E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	RESIDENT	400300.1	3749526	7.78E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	RESIDENT	400500.1	3749526	7.69E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	RESIDENT	400180.1	3749566	7.66E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	RESIDENT	400720.1	3749626	7.64E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	RESIDENT	400140.1	3749586	7.64E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	RESIDENT	400620.1	3749566	7.61E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	RESIDENT	400280.1	3749526	7.59E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	RESIDENT	400660.1	3749586	7.58E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

94	RESIDENT	400220.1	3749546	7.58E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	RESIDENT	400100.1	3749606	7.57E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	RESIDENT	400580.1	3749546	7.51E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	RESIDENT	400060.1	3749626	7.51E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	RESIDENT	400520.1	3749526	7.50E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	RESIDENT	400020.1	3749646	7.48E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	RESIDENT	400700.1	3749606	7.44E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	RESIDENT	400800.1	3749686	7.41E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	RESIDENT	400780.1	3749666	7.39E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	RESIDENT	400400.1	3749506	7.38E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	RESIDENT	400380.1	3749506	7.37E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	RESIDENT	400260.1	3749526	7.37E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	RESIDENT	400420.1	3749506	7.35E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	RESIDENT	400360.1	3749506	7.33E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1224	RESIDENT	400000.1	3750206	7.33E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	RESIDENT	400760.1	3749646	7.32E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1266	RESIDENT	400020.1	3750226	7.31E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	RESIDENT	400160.1	3749566	7.30E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1308	RESIDENT	400040.1	3750246	7.29E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	RESIDENT	400440.1	3749506	7.29E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	RESIDENT	400540.1	3749526	7.28E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1350	RESIDENT	400060.1	3750266	7.28E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1392	RESIDENT	400080.1	3750286	7.28E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	RESIDENT	400200.1	3749546	7.27E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	RESIDENT	400640.1	3749566	7.27E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1434	RESIDENT	400100.1	3750306	7.27E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	RESIDENT	400340.1	3749506	7.26E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	RESIDENT	400120.1	3749586	7.25E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	RESIDENT	400600.1	3749546	7.22E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	RESIDENT	400680.1	3749586	7.20E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	RESIDENT	400740.1	3749626	7.20E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	RESIDENT	400460.1	3749506	7.20E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	RESIDENT	400080.1	3749606	7.18E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	RESIDENT	400320.1	3749506	7.15E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	RESIDENT	400040.1	3749626	7.14E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	RESIDENT	400240.1	3749526	7.13E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	RESIDENT	400000.1	3749646	7.12E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	RESIDENT	400480.1	3749506	7.08E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	RESIDENT	400560.1	3749526	7.06E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	RESIDENT	400720.1	3749606	7.04E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	RESIDENT	400300.1	3749506	7.02E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	RESIDENT	400180.1	3749546	6.96E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	RESIDENT	400140.1	3749566	6.95E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	RESIDENT	400500.1	3749506	6.94E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	RESIDENT	400660.1	3749566	6.94E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	RESIDENT	400620.1	3749546	6.93E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	RESIDENT	400800.1	3749666	6.93E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	RESIDENT	400100.1	3749586	6.89E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	RESIDENT	400780.1	3749646	6.88E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	RESIDENT	400220.1	3749526	6.87E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	RESIDENT	400280.1	3749506	6.86E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1265	RESIDENT	400000.1	3750226	6.84E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	RESIDENT	400700.1	3749586	6.84E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	RESIDENT	400060.1	3749606	6.83E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	RESIDENT	400580.1	3749526	6.82E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1307	RESIDENT	400020.1	3750246	6.82E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1349	RESIDENT	400040.1	3750266	6.81E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1391	RESIDENT	400060.1	3750286	6.81E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	RESIDENT	400020.1	3749626	6.80E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1433	RESIDENT	400080.1	3750306	6.80E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	RESIDENT	400760.1	3749626	6.79E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	RESIDENT	400520.1	3749506	6.78E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	RESIDENT	400260.1	3749506	6.67E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	RESIDENT	400740.1	3749606	6.66E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	RESIDENT	400160.1	3749546	6.65E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	RESIDENT	400640.1	3749546	6.65E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	RESIDENT	400120.1	3749566	6.62E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	RESIDENT	400680.1	3749566	6.61E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	RESIDENT	400200.1	3749526	6.61E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	RESIDENT	400540.1	3749506	6.60E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	RESIDENT	400600.1	3749526	6.58E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	RESIDENT	400080.1	3749586	6.55E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	RESIDENT	400040.1	3749606	6.50E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	RESIDENT	400720.1	3749586	6.50E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	RESIDENT	400000.1	3749626	6.49E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	RESIDENT	400800.1	3749646	6.48E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	RESIDENT	400240.1	3749506	6.47E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	RESIDENT	400560.1	3749506	6.42E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	RESIDENT	400780.1	3749626	6.41E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1306	RESIDENT	400000.1	3750246	6.39E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1348	RESIDENT	400020.1	3750266	6.38E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1390	RESIDENT	400040.1	3750286	6.38E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1432	RESIDENT	400060.1	3750306	6.37E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	RESIDENT	400660.1	3749546	6.36E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	RESIDENT	400140.1	3749546	6.35E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	RESIDENT	400180.1	3749526	6.35E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	RESIDENT	400620.1	3749526	6.34E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	RESIDENT	400760.1	3749606	6.31E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	RESIDENT	400700.1	3749566	6.30E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	RESIDENT	400100.1	3749566	6.30E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	RESIDENT	400220.1	3749506	6.26E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	RESIDENT	400060.1	3749586	6.24E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	RESIDENT	400580.1	3749506	6.22E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	RESIDENT	400020.1	3749606	6.21E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	RESIDENT	400740.1	3749586	6.17E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	RESIDENT	400640.1	3749526	6.09E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	RESIDENT	400680.1	3749546	6.09E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	RESIDENT	400160.1	3749526	6.09E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	RESIDENT	400120.1	3749546	6.06E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	RESIDENT	400800.1	3749626	6.05E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	RESIDENT	400200.1	3749506	6.04E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	RESIDENT	400600.1	3749506	6.02E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	RESIDENT	400720.1	3749566	6.01E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	RESIDENT	400080.1	3749566	6.01E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1347	RESIDENT	400000.1	3750266	6.00E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1389	RESIDENT	400020.1	3750286	5.99E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1431	RESIDENT	400040.1	3750306	5.99E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	RESIDENT	400780.1	3749606	5.97E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	RESIDENT	400040.1	3749586	5.96E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	RESIDENT	400000.1	3749606	5.93E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	RESIDENT	400760.1	3749586	5.86E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	RESIDENT	400660.1	3749526	5.85E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	RESIDENT	400140.1	3749526	5.83E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	RESIDENT	400700.1	3749546	5.82E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	RESIDENT	400180.1	3749506	5.81E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	RESIDENT	400620.1	3749506	5.81E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	RESIDENT	400100.1	3749546	5.79E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	RESIDENT	400060.1	3749566	5.73E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

161	RESIDENT	400740.1	3749566	5.73E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	RESIDENT	400020.1	3749586	5.69E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	RESIDENT	400800.1	3749606	5.66E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1388	RESIDENT	400000.1	3750286	5.64E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1430	RESIDENT	400020.1	3750306	5.63E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	RESIDENT	400680.1	3749526	5.62E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	RESIDENT	400640.1	3749506	5.60E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	RESIDENT	400160.1	3749506	5.59E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	RESIDENT	400120.1	3749526	5.58E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	RESIDENT	400780.1	3749586	5.57E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	RESIDENT	400720.1	3749546	5.57E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	RESIDENT	400080.1	3749546	5.53E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	RESIDENT	400040.1	3749566	5.48E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	RESIDENT	400760.1	3749566	5.46E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	RESIDENT	400000.1	3749586	5.45E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	RESIDENT	400660.1	3749506	5.40E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	RESIDENT	400700.1	3749526	5.39E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	RESIDENT	400140.1	3749506	5.37E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	RESIDENT	400100.1	3749526	5.34E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	RESIDENT	400740.1	3749546	5.32E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1429	RESIDENT	400000.1	3750306	5.31E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	RESIDENT	400800.1	3749586	5.30E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	RESIDENT	400060.1	3749546	5.29E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	RESIDENT	400020.1	3749566	5.24E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	RESIDENT	400780.1	3749566	5.20E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	RESIDENT	400680.1	3749506	5.20E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	RESIDENT	400720.1	3749526	5.17E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	RESIDENT	400120.1	3749506	5.15E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	RESIDENT	400080.1	3749526	5.11E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	RESIDENT	400760.1	3749546	5.09E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	RESIDENT	400040.1	3749546	5.06E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	RESIDENT	400000.1	3749566	5.02E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	RESIDENT	400700.1	3749506	5.00E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	RESIDENT	400800.1	3749566	4.96E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	RESIDENT	400740.1	3749526	4.95E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	RESIDENT	400100.1	3749506	4.94E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	RESIDENT	400060.1	3749526	4.89E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	RESIDENT	400780.1	3749546	4.86E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	RESIDENT	400020.1	3749546	4.85E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	RESIDENT	400720.1	3749506	4.81E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	RESIDENT	400760.1	3749526	4.75E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	RESIDENT	400080.1	3749506	4.73E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	RESIDENT	400040.1	3749526	4.69E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	RESIDENT	400000.1	3749546	4.65E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	RESIDENT	400800.1	3749546	4.65E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	RESIDENT	400740.1	3749506	4.62E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	RESIDENT	400780.1	3749526	4.55E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	RESIDENT	400060.1	3749506	4.54E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	RESIDENT	400020.1	3749526	4.50E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	RESIDENT	400760.1	3749506	4.44E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	RESIDENT	400800.1	3749526	4.36E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	RESIDENT	400040.1	3749506	4.36E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	RESIDENT	400000.1	3749526	4.32E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	RESIDENT	400780.1	3749506	4.26E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	RESIDENT	400020.1	3749506	4.19E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	RESIDENT	400800.1	3749506	4.10E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1	RESIDENT	400000.1	3749506	4.03E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Hermosillo Park Project - Unmitigated Construction Chronic Risk - Residential Receptors

*HARP - HRACalc v22118 2/5/2024 11:21:33 AM - Chronic Risk - Sorted Max to Min

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
875	RESIDENT		400400.6	3750033	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03
876	RESIDENT		400420.6	3750033	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03
874	RESIDENT		400380.6	3750033	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-03
877	RESIDENT		400440.6	3750033	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03
873	RESIDENT		400360.6	3750033	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
872	RESIDENT		400340.6	3750033	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03
878	RESIDENT		400460.6	3750033	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03
774	RESIDENT		400489.8	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03
742	RESIDENT		400489.8	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03
710	RESIDENT		400489.8	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03
806	RESIDENT		400489.8	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
741	RESIDENT		400276.5	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03
709	RESIDENT		400276.5	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
678	RESIDENT		400489.8	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
773	RESIDENT		400276.5	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
871	RESIDENT		400320.6	3750033	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
677	RESIDENT		400276.5	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
838	RESIDENT		400489.8	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
916	RESIDENT		400400.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
917	RESIDENT		400420.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
915	RESIDENT		400380.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03
805	RESIDENT		400276.5	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
918	RESIDENT		400440.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
646	RESIDENT		400489.8	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03
645	RESIDENT		400276.5	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
914	RESIDENT		400360.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
919	RESIDENT		400460.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
775	RESIDENT		400500.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
743	RESIDENT		400500.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
807	RESIDENT		400500.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
913	RESIDENT		400340.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
711	RESIDENT		400500.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
879	RESIDENT		400489.8	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
614	RESIDENT		400489.8	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
837	RESIDENT		400276.5	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
839	RESIDENT		400500.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
679	RESIDENT		400500.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
870	RESIDENT		400300.6	3750033	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
920	RESIDENT		400480.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
613	RESIDENT		400276.5	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
912	RESIDENT		400320.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
647	RESIDENT		400500.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
958	RESIDENT		400420.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
957	RESIDENT		400400.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
959	RESIDENT		400440.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
880	RESIDENT		400500.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
956	RESIDENT		400380.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
740	RESIDENT		400260.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
708	RESIDENT		400260.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
772	RESIDENT		400260.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
960	RESIDENT		400460.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
676	RESIDENT		400260.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
582	RESIDENT		400489.8	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
955	RESIDENT		400360.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
615	RESIDENT		400500.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
804	RESIDENT		400260.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
644	RESIDENT		400260.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
961	RESIDENT		400480.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03

921	RESIDENT	400500.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
776	RESIDENT	400520.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
954	RESIDENT	400340.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
744	RESIDENT	400520.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
808	RESIDENT	400520.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
911	RESIDENT	400300.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
712	RESIDENT	400520.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
869	RESIDENT	400276.5	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
840	RESIDENT	400520.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
999	RESIDENT	400420.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
1000	RESIDENT	400440.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
528	RESIDENT	400400.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
998	RESIDENT	400400.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
529	RESIDENT	400420.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
836	RESIDENT	400260.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
1001	RESIDENT	400460.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
680	RESIDENT	400520.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
612	RESIDENT	400260.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
997	RESIDENT	400380.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
881	RESIDENT	400520.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
583	RESIDENT	400500.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
962	RESIDENT	400500.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
530	RESIDENT	400440.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
953	RESIDENT	400320.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
1002	RESIDENT	400480.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
996	RESIDENT	400360.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
648	RESIDENT	400520.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.78E-04
557	RESIDENT	400489.8	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-04
739	RESIDENT	400240.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-04
707	RESIDENT	400240.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-04
922	RESIDENT	400520.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-04
771	RESIDENT	400240.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-04
675	RESIDENT	400240.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.40E-04
531	RESIDENT	400460.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-04
1041	RESIDENT	400440.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04
1040	RESIDENT	400420.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-04
995	RESIDENT	400340.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-04
1003	RESIDENT	400500.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-04
1042	RESIDENT	400460.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-04
1039	RESIDENT	400400.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-04
643	RESIDENT	400240.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-04
803	RESIDENT	400240.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-04
777	RESIDENT	400540.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-04
809	RESIDENT	400540.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-04
963	RESIDENT	400520.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04
910	RESIDENT	400280.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-04
616	RESIDENT	400520.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-04
745	RESIDENT	400540.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04
841	RESIDENT	400540.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-04
868	RESIDENT	400260.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-04
1038	RESIDENT	400380.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-04
1043	RESIDENT	400480.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-04
952	RESIDENT	400300.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-04
713	RESIDENT	400540.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-04
558	RESIDENT	400500.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04
882	RESIDENT	400540.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04
1037	RESIDENT	400360.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04
994	RESIDENT	400320.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-04
611	RESIDENT	400240.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-04
681	RESIDENT	400540.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-04
1044	RESIDENT	400500.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-04
1004	RESIDENT	400520.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-04

835	RESIDENT	400240.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-04
532	RESIDENT	400480.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-04
923	RESIDENT	400540.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-04
1082	RESIDENT	400440.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-04
1081	RESIDENT	400420.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-04
1083	RESIDENT	400460.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-04
584	RESIDENT	400520.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04
706	RESIDENT	400220.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04
738	RESIDENT	400220.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04
1080	RESIDENT	400400.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-04
499	RESIDENT	400400.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04
1084	RESIDENT	400480.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04
674	RESIDENT	400220.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04
964	RESIDENT	400540.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-04
500	RESIDENT	400420.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-04
649	RESIDENT	400540.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-04
770	RESIDENT	400220.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-04
1036	RESIDENT	400340.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-04
1079	RESIDENT	400380.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-04
1045	RESIDENT	400520.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-04
501	RESIDENT	400440.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-04
642	RESIDENT	400220.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04
1085	RESIDENT	400500.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04
810	RESIDENT	400560.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-04
778	RESIDENT	400560.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-04
842	RESIDENT	400560.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04
802	RESIDENT	400220.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04
951	RESIDENT	400280.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-04
909	RESIDENT	400260.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04
1005	RESIDENT	400540.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04
746	RESIDENT	400560.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-04
993	RESIDENT	400300.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04
1123	RESIDENT	400440.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04
883	RESIDENT	400560.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04
1124	RESIDENT	400460.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04
867	RESIDENT	400240.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
617	RESIDENT	400540.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
1078	RESIDENT	400360.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-04
1122	RESIDENT	400420.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04
714	RESIDENT	400560.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04
1125	RESIDENT	400480.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04
502	RESIDENT	400460.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04
924	RESIDENT	400560.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04
1035	RESIDENT	400320.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04
1086	RESIDENT	400520.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04
533	RESIDENT	400500.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04
610	RESIDENT	400220.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-04
559	RESIDENT	400520.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04
1121	RESIDENT	400400.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04
1046	RESIDENT	400540.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04
682	RESIDENT	400560.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04
1126	RESIDENT	400500.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-04
834	RESIDENT	400220.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04
965	RESIDENT	400560.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04
705	RESIDENT	400200.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-04
737	RESIDENT	400200.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04
1120	RESIDENT	400380.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04
1077	RESIDENT	400340.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04
673	RESIDENT	400200.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04
585	RESIDENT	400540.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-04
769	RESIDENT	400200.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04
1006	RESIDENT	400560.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04

1165	RESIDENT	400460.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04
1164	RESIDENT	400440.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04
650	RESIDENT	400560.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04
1127	RESIDENT	400520.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04
1087	RESIDENT	400540.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
503	RESIDENT	400480.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04
1166	RESIDENT	400480.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04
641	RESIDENT	400200.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
1163	RESIDENT	400420.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04
811	RESIDENT	400580.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04
843	RESIDENT	400580.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04
779	RESIDENT	400580.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04
1119	RESIDENT	400360.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04
992	RESIDENT	400280.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04
950	RESIDENT	400260.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04
1167	RESIDENT	400500.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
801	RESIDENT	400200.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
908	RESIDENT	400240.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04
884	RESIDENT	400580.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04
1034	RESIDENT	400300.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04
1047	RESIDENT	400560.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04
1162	RESIDENT	400400.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04
747	RESIDENT	400580.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04
470	RESIDENT	400400.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04
925	RESIDENT	400580.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04
471	RESIDENT	400420.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04
866	RESIDENT	400220.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04
1076	RESIDENT	400320.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04
618	RESIDENT	400560.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04
1128	RESIDENT	400540.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04
609	RESIDENT	400200.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04
715	RESIDENT	400580.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04
534	RESIDENT	400520.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-04
1168	RESIDENT	400520.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
966	RESIDENT	400580.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04
472	RESIDENT	400440.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04
1161	RESIDENT	400380.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
1088	RESIDENT	400560.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04
1206	RESIDENT	400460.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04
560	RESIDENT	400540.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04
1207	RESIDENT	400480.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04
1205	RESIDENT	400440.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04
704	RESIDENT	400180.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
1118	RESIDENT	400340.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04
736	RESIDENT	400180.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04
833	RESIDENT	400200.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04
683	RESIDENT	400580.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04
1007	RESIDENT	400580.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04
504	RESIDENT	400500.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-04
672	RESIDENT	400180.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04
1208	RESIDENT	400500.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
1204	RESIDENT	400420.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
768	RESIDENT	400180.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
1169	RESIDENT	400540.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04
473	RESIDENT	400460.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
586	RESIDENT	400560.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04
1129	RESIDENT	400560.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04
1048	RESIDENT	400580.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04
640	RESIDENT	400180.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
1160	RESIDENT	400360.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04
1209	RESIDENT	400520.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04
1203	RESIDENT	400400.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04

651	RESIDENT	400580.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04
1033	RESIDENT	400280.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04
812	RESIDENT	400600.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04
844	RESIDENT	400600.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04
991	RESIDENT	400260.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04
949	RESIDENT	400240.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
1075	RESIDENT	400300.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04
885	RESIDENT	400600.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
780	RESIDENT	400600.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
800	RESIDENT	400180.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
907	RESIDENT	400220.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-04
1247	RESIDENT	400460.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04
1248	RESIDENT	400480.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04
1089	RESIDENT	400580.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04
926	RESIDENT	400600.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
1117	RESIDENT	400320.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04
748	RESIDENT	400600.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04
1246	RESIDENT	400440.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04
608	RESIDENT	400180.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
1210	RESIDENT	400540.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
1170	RESIDENT	400560.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
1249	RESIDENT	400500.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
1202	RESIDENT	400380.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04
865	RESIDENT	400200.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04
474	RESIDENT	400480.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04
967	RESIDENT	400600.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04
535	RESIDENT	400540.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04
619	RESIDENT	400580.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04
716	RESIDENT	400600.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
1245	RESIDENT	400420.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
1159	RESIDENT	400340.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
1250	RESIDENT	400520.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04
505	RESIDENT	400520.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04
1130	RESIDENT	400580.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04
703	RESIDENT	400160.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04
1008	RESIDENT	400600.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04
561	RESIDENT	400560.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
735	RESIDENT	400160.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
671	RESIDENT	400160.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
832	RESIDENT	400180.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
441	RESIDENT	400400.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04
684	RESIDENT	400600.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04
1049	RESIDENT	400600.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04
1244	RESIDENT	400400.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
1211	RESIDENT	400560.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
442	RESIDENT	400420.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
767	RESIDENT	400160.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
1201	RESIDENT	400360.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
1251	RESIDENT	400540.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04
639	RESIDENT	400160.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04
1289	RESIDENT	400480.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
1288	RESIDENT	400460.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
1171	RESIDENT	400580.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
1290	RESIDENT	400500.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
443	RESIDENT	400440.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
587	RESIDENT	400580.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
1090	RESIDENT	400600.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
475	RESIDENT	400500.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
1287	RESIDENT	400440.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
1074	RESIDENT	400280.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04
652	RESIDENT	400600.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
1116	RESIDENT	400300.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04

1032	RESIDENT	400260.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
990	RESIDENT	400240.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
948	RESIDENT	400220.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
1291	RESIDENT	400520.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
845	RESIDENT	400620.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
799	RESIDENT	400160.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04
813	RESIDENT	400620.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04
1243	RESIDENT	400380.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04
906	RESIDENT	400200.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
886	RESIDENT	400620.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
1158	RESIDENT	400320.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
607	RESIDENT	400160.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
781	RESIDENT	400620.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
1252	RESIDENT	400560.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
927	RESIDENT	400620.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
1286	RESIDENT	400420.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
1131	RESIDENT	400600.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
444	RESIDENT	400460.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
1212	RESIDENT	400580.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
864	RESIDENT	400180.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
968	RESIDENT	400620.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
749	RESIDENT	400620.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
1292	RESIDENT	400540.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
536	RESIDENT	400560.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
1200	RESIDENT	400340.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
506	RESIDENT	400540.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
1009	RESIDENT	400620.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
702	RESIDENT	400140.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
620	RESIDENT	400600.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
1330	RESIDENT	400480.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
670	RESIDENT	400140.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
717	RESIDENT	400620.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
734	RESIDENT	400140.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
1285	RESIDENT	400400.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04
1172	RESIDENT	400600.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04
1331	RESIDENT	400500.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
1329	RESIDENT	400460.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
562	RESIDENT	400580.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04
1050	RESIDENT	400620.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
831	RESIDENT	400160.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
1242	RESIDENT	400360.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04
1332	RESIDENT	400520.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
1253	RESIDENT	400580.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
1293	RESIDENT	400560.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
476	RESIDENT	400520.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
445	RESIDENT	400480.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
638	RESIDENT	400140.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
1328	RESIDENT	400440.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
766	RESIDENT	400140.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
685	RESIDENT	400620.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
1091	RESIDENT	400620.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
1213	RESIDENT	400600.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
1333	RESIDENT	400540.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
1284	RESIDENT	400380.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
1115	RESIDENT	400280.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
588	RESIDENT	400600.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
1327	RESIDENT	400420.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
1157	RESIDENT	400300.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
1073	RESIDENT	400260.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
1132	RESIDENT	400620.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
989	RESIDENT	400220.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
947	RESIDENT	400200.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04

1031	RESIDENT	400240.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
606	RESIDENT	400140.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
798	RESIDENT	400140.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
653	RESIDENT	400620.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
905	RESIDENT	400180.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
412	RESIDENT	400400.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
1294	RESIDENT	400580.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
1199	RESIDENT	400320.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
846	RESIDENT	400640.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
887	RESIDENT	400640.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
814	RESIDENT	400640.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
1372	RESIDENT	400500.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
413	RESIDENT	400420.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
1371	RESIDENT	400480.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
1334	RESIDENT	400560.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
928	RESIDENT	400640.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
1254	RESIDENT	400600.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
782	RESIDENT	400640.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
1241	RESIDENT	400340.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
1173	RESIDENT	400620.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
1373	RESIDENT	400520.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
863	RESIDENT	400160.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
446	RESIDENT	400500.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
1370	RESIDENT	400460.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
969	RESIDENT	400640.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
507	RESIDENT	400560.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
1326	RESIDENT	400400.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
537	RESIDENT	400580.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
701	RESIDENT	400120.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
414	RESIDENT	400440.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
750	RESIDENT	400640.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
1010	RESIDENT	400640.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
669	RESIDENT	400120.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
733	RESIDENT	400120.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
1374	RESIDENT	400540.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
1369	RESIDENT	400440.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
477	RESIDENT	400540.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
1283	RESIDENT	400360.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
621	RESIDENT	400620.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
1051	RESIDENT	400640.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
1214	RESIDENT	400620.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
718	RESIDENT	400640.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
581	RESIDENT	400140.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
1335	RESIDENT	400580.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
563	RESIDENT	400600.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
830	RESIDENT	400140.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
637	RESIDENT	400120.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
1295	RESIDENT	400600.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
765	RESIDENT	400120.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
1092	RESIDENT	400640.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
415	RESIDENT	400460.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
1375	RESIDENT	400560.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
1368	RESIDENT	400420.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
1325	RESIDENT	400380.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
686	RESIDENT	400640.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
1413	RESIDENT	400500.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
1133	RESIDENT	400640.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
1255	RESIDENT	400620.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
1412	RESIDENT	400480.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
1414	RESIDENT	400520.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
1156	RESIDENT	400280.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
1114	RESIDENT	400260.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04

447	RESIDENT	400520.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
605	RESIDENT	400120.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
988	RESIDENT	400200.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
1072	RESIDENT	400240.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
946	RESIDENT	400180.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
1030	RESIDENT	400220.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
1198	RESIDENT	400300.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
589	RESIDENT	400620.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
1411	RESIDENT	400460.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
1240	RESIDENT	400320.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
797	RESIDENT	400120.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
1415	RESIDENT	400540.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
904	RESIDENT	400160.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
1336	RESIDENT	400600.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
1376	RESIDENT	400580.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
1174	RESIDENT	400640.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
416	RESIDENT	400480.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
654	RESIDENT	400640.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
1282	RESIDENT	400340.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
1367	RESIDENT	400400.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
847	RESIDENT	400660.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
508	RESIDENT	400580.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
888	RESIDENT	400660.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
1296	RESIDENT	400620.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
1410	RESIDENT	400440.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
862	RESIDENT	400140.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
556	RESIDENT	400140.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
815	RESIDENT	400660.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
929	RESIDENT	400660.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
1416	RESIDENT	400560.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
700	RESIDENT	400100.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
668	RESIDENT	400100.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
970	RESIDENT	400660.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
538	RESIDENT	400600.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
783	RESIDENT	400660.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
1215	RESIDENT	400640.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
478	RESIDENT	400560.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
1324	RESIDENT	400360.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
732	RESIDENT	400100.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
1011	RESIDENT	400660.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
580	RESIDENT	400120.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
751	RESIDENT	400660.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
636	RESIDENT	400100.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
1052	RESIDENT	400660.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
1377	RESIDENT	400600.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
1454	RESIDENT	400500.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
622	RESIDENT	400640.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
383	RESIDENT	400400.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
1455	RESIDENT	400520.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
829	RESIDENT	400120.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
1409	RESIDENT	400420.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
1417	RESIDENT	400580.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
564	RESIDENT	400620.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
1256	RESIDENT	400640.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
1453	RESIDENT	400480.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
417	RESIDENT	400500.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
1337	RESIDENT	400620.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
1093	RESIDENT	400660.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
764	RESIDENT	400100.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
384	RESIDENT	400420.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
719	RESIDENT	400660.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
1366	RESIDENT	400380.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04

1456	RESIDENT	400540.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
448	RESIDENT	400540.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
1452	RESIDENT	400460.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
1134	RESIDENT	400660.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
385	RESIDENT	400440.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
604	RESIDENT	400100.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
1457	RESIDENT	400560.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
1155	RESIDENT	400260.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
1197	RESIDENT	400280.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
687	RESIDENT	400660.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
1239	RESIDENT	400300.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
987	RESIDENT	400180.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
1113	RESIDENT	400240.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
1297	RESIDENT	400640.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
945	RESIDENT	400160.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
1281	RESIDENT	400320.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
1029	RESIDENT	400200.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
1071	RESIDENT	400220.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
1175	RESIDENT	400660.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
1418	RESIDENT	400600.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
1408	RESIDENT	400400.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
796	RESIDENT	400100.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
903	RESIDENT	400140.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
1378	RESIDENT	400620.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
1451	RESIDENT	400440.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
590	RESIDENT	400640.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
1323	RESIDENT	400340.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
527	RESIDENT	400140.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
555	RESIDENT	400120.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
386	RESIDENT	400460.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
1458	RESIDENT	400580.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
509	RESIDENT	400600.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
1216	RESIDENT	400660.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
699	RESIDENT	400080.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
655	RESIDENT	400660.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
479	RESIDENT	400580.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
861	RESIDENT	400120.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
418	RESIDENT	400520.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
667	RESIDENT	400080.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
1338	RESIDENT	400640.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
1365	RESIDENT	400360.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
579	RESIDENT	400100.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
848	RESIDENT	400680.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
889	RESIDENT	400680.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
539	RESIDENT	400620.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
731	RESIDENT	400080.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
930	RESIDENT	400680.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
816	RESIDENT	400680.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
971	RESIDENT	400680.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
1450	RESIDENT	400420.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
635	RESIDENT	400080.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
1257	RESIDENT	400660.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
784	RESIDENT	400680.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
1012	RESIDENT	400680.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
449	RESIDENT	400560.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
1419	RESIDENT	400620.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
387	RESIDENT	400480.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
1459	RESIDENT	400600.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
1053	RESIDENT	400680.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
828	RESIDENT	400100.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
1407	RESIDENT	400380.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
752	RESIDENT	400680.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04

763	RESIDENT	400080.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
623	RESIDENT	400660.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
1094	RESIDENT	400680.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
1379	RESIDENT	400640.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
565	RESIDENT	400640.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
1298	RESIDENT	400660.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
603	RESIDENT	400080.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
720	RESIDENT	400680.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
1135	RESIDENT	400680.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
1280	RESIDENT	400300.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
1238	RESIDENT	400280.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
1322	RESIDENT	400320.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
1196	RESIDENT	400260.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
1449	RESIDENT	400400.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
986	RESIDENT	400160.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
1154	RESIDENT	400240.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
944	RESIDENT	400140.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
1028	RESIDENT	400180.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
526	RESIDENT	400120.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
1112	RESIDENT	400220.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
1176	RESIDENT	400680.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
419	RESIDENT	400540.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
1070	RESIDENT	400200.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
1460	RESIDENT	400620.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
554	RESIDENT	400100.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
688	RESIDENT	400680.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
1364	RESIDENT	400340.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
795	RESIDENT	400080.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
388	RESIDENT	400500.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
1339	RESIDENT	400660.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
902	RESIDENT	400120.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
354	RESIDENT	400400.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
1420	RESIDENT	400640.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
498	RESIDENT	400140.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
1217	RESIDENT	400680.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
355	RESIDENT	400420.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
591	RESIDENT	400660.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
480	RESIDENT	400600.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
510	RESIDENT	400620.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
698	RESIDENT	400060.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
666	RESIDENT	400060.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
1406	RESIDENT	400360.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
578	RESIDENT	400080.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
860	RESIDENT	400100.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
356	RESIDENT	400440.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
730	RESIDENT	400060.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
1258	RESIDENT	400680.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
656	RESIDENT	400680.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
450	RESIDENT	400580.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
634	RESIDENT	400060.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
1380	RESIDENT	400660.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
540	RESIDENT	400640.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
890	RESIDENT	400700.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
849	RESIDENT	400700.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
931	RESIDENT	400700.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
1448	RESIDENT	400380.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
817	RESIDENT	400700.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
1461	RESIDENT	400640.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
972	RESIDENT	400700.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
827	RESIDENT	400080.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
1299	RESIDENT	400680.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
785	RESIDENT	400700.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04

1013	RESIDENT	400700.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
357	RESIDENT	400460.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
762	RESIDENT	400060.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
389	RESIDENT	400520.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
1054	RESIDENT	400700.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
602	RESIDENT	400060.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
753	RESIDENT	400700.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
420	RESIDENT	400560.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
1421	RESIDENT	400660.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
566	RESIDENT	400660.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
1095	RESIDENT	400700.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
624	RESIDENT	400680.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
525	RESIDENT	400100.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
1321	RESIDENT	400300.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
1279	RESIDENT	400280.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
1340	RESIDENT	400680.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
1136	RESIDENT	400700.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
553	RESIDENT	400080.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
1363	RESIDENT	400320.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
985	RESIDENT	400140.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
721	RESIDENT	400700.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
1237	RESIDENT	400260.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
1027	RESIDENT	400160.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
497	RESIDENT	400120.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
943	RESIDENT	400120.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
1069	RESIDENT	400180.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
1195	RESIDENT	400240.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
1153	RESIDENT	400220.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
1111	RESIDENT	400200.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
1177	RESIDENT	400700.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
358	RESIDENT	400480.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
1405	RESIDENT	400340.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
794	RESIDENT	400060.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
901	RESIDENT	400100.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
1218	RESIDENT	400700.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
577	RESIDENT	400060.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
481	RESIDENT	400620.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
1462	RESIDENT	400660.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
689	RESIDENT	400700.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
1381	RESIDENT	400680.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
665	RESIDENT	400040.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
697	RESIDENT	400040.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
1447	RESIDENT	400360.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
511	RESIDENT	400640.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
469	RESIDENT	400140.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
592	RESIDENT	400680.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
451	RESIDENT	400600.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
859	RESIDENT	400080.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
390	RESIDENT	400540.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
1259	RESIDENT	400700.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
633	RESIDENT	400040.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
729	RESIDENT	400040.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
541	RESIDENT	400660.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
359	RESIDENT	400500.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
657	RESIDENT	400700.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
1422	RESIDENT	400680.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
1300	RESIDENT	400700.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
421	RESIDENT	400580.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
826	RESIDENT	400060.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
325	RESIDENT	400400.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
761	RESIDENT	400040.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
601	RESIDENT	400040.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04

891	RESIDENT	400720.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
850	RESIDENT	400720.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
932	RESIDENT	400720.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
524	RESIDENT	400080.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
818	RESIDENT	400720.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
326	RESIDENT	400420.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
973	RESIDENT	400720.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
1341	RESIDENT	400700.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
786	RESIDENT	400720.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
1014	RESIDENT	400720.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
496	RESIDENT	400100.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
552	RESIDENT	400060.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
1055	RESIDENT	400720.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
1362	RESIDENT	400300.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
567	RESIDENT	400680.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
1463	RESIDENT	400680.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
327	RESIDENT	400440.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
1320	RESIDENT	400280.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
754	RESIDENT	400720.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
625	RESIDENT	400700.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
1404	RESIDENT	400320.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
1096	RESIDENT	400720.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
1278	RESIDENT	400260.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
1026	RESIDENT	400140.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
984	RESIDENT	400120.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
1068	RESIDENT	400160.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
942	RESIDENT	400100.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
1137	RESIDENT	400720.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
1236	RESIDENT	400240.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
1446	RESIDENT	400340.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
1110	RESIDENT	400180.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
1382	RESIDENT	400700.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
1152	RESIDENT	400200.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
391	RESIDENT	400560.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
1194	RESIDENT	400220.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
360	RESIDENT	400520.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
793	RESIDENT	400040.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
468	RESIDENT	400120.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
722	RESIDENT	400720.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
576	RESIDENT	400040.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
900	RESIDENT	400080.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
1178	RESIDENT	400720.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
328	RESIDENT	400460.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
482	RESIDENT	400640.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
664	RESIDENT	400020.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
696	RESIDENT	400020.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
452	RESIDENT	400620.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
1219	RESIDENT	400720.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
512	RESIDENT	400660.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
858	RESIDENT	400060.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
632	RESIDENT	400020.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
690	RESIDENT	400720.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
1423	RESIDENT	400700.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
728	RESIDENT	400020.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
1260	RESIDENT	400720.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
593	RESIDENT	400700.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
422	RESIDENT	400600.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
440	RESIDENT	400140.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
329	RESIDENT	400480.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
1301	RESIDENT	400720.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
542	RESIDENT	400680.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
523	RESIDENT	400060.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04

600	RESIDENT	400020.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
495	RESIDENT	400080.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
825	RESIDENT	400040.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
658	RESIDENT	400720.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
1464	RESIDENT	400700.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
760	RESIDENT	400020.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
551	RESIDENT	400040.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
361	RESIDENT	400540.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
1342	RESIDENT	400720.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
392	RESIDENT	400580.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
892	RESIDENT	400740.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
851	RESIDENT	400740.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
933	RESIDENT	400740.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
1403	RESIDENT	400300.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
819	RESIDENT	400740.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
467	RESIDENT	400100.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
1361	RESIDENT	400280.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
974	RESIDENT	400740.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
1445	RESIDENT	400320.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
787	RESIDENT	400740.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
1015	RESIDENT	400740.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
983	RESIDENT	400100.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
1319	RESIDENT	400260.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
1383	RESIDENT	400720.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
1025	RESIDENT	400120.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
1067	RESIDENT	400140.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
330	RESIDENT	400500.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
568	RESIDENT	400700.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
941	RESIDENT	400080.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
1056	RESIDENT	400740.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
1277	RESIDENT	400240.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
575	RESIDENT	400020.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
1109	RESIDENT	400160.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
626	RESIDENT	400720.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
1151	RESIDENT	400180.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
755	RESIDENT	400740.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
1097	RESIDENT	400740.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
1235	RESIDENT	400220.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
792	RESIDENT	400020.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
1193	RESIDENT	400200.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
899	RESIDENT	400060.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
1138	RESIDENT	400740.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
663	RESIDENT	400000.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
453	RESIDENT	400640.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
483	RESIDENT	400660.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
695	RESIDENT	400000.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
296	RESIDENT	400400.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
1424	RESIDENT	400720.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
1179	RESIDENT	400740.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
723	RESIDENT	400740.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
297	RESIDENT	400420.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
631	RESIDENT	400000.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
439	RESIDENT	400120.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
857	RESIDENT	400040.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
423	RESIDENT	400620.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
513	RESIDENT	400680.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
1220	RESIDENT	400740.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
727	RESIDENT	400000.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
362	RESIDENT	400560.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
298	RESIDENT	400440.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
522	RESIDENT	400040.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
1261	RESIDENT	400740.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04

494	RESIDENT	400060.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
691	RESIDENT	400740.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
1465	RESIDENT	400720.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
331	RESIDENT	400520.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
594	RESIDENT	400720.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
599	RESIDENT	400000.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
550	RESIDENT	400020.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
1302	RESIDENT	400740.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
543	RESIDENT	400700.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
824	RESIDENT	400020.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
393	RESIDENT	400600.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
759	RESIDENT	400000.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
299	RESIDENT	400460.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
466	RESIDENT	400080.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
1343	RESIDENT	400740.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
659	RESIDENT	400740.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
411	RESIDENT	400140.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
1444	RESIDENT	400300.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
1402	RESIDENT	400280.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
574	RESIDENT	400000.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
1384	RESIDENT	400740.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
1360	RESIDENT	400260.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
982	RESIDENT	400080.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
1024	RESIDENT	400100.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
940	RESIDENT	400060.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
1066	RESIDENT	400120.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
1108	RESIDENT	400140.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
852	RESIDENT	400760.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
893	RESIDENT	400760.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
1318	RESIDENT	400240.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
300	RESIDENT	400480.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
820	RESIDENT	400760.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-05
934	RESIDENT	400760.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-05
1150	RESIDENT	400160.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-05
975	RESIDENT	400760.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-05
569	RESIDENT	400720.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-05
1276	RESIDENT	400220.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-05
438	RESIDENT	400100.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-05
791	RESIDENT	400000.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-05
332	RESIDENT	400540.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-05
1192	RESIDENT	400180.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-05
788	RESIDENT	400760.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-05
898	RESIDENT	400040.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-05
1234	RESIDENT	400200.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-05
363	RESIDENT	400580.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-05
1016	RESIDENT	400760.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.89E-05
454	RESIDENT	400660.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-05
1425	RESIDENT	400740.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-05
627	RESIDENT	400740.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-05
1057	RESIDENT	400760.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-05
484	RESIDENT	400680.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-05
756	RESIDENT	400760.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-05
1098	RESIDENT	400760.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.78E-05
424	RESIDENT	400640.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-05
521	RESIDENT	400020.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-05
493	RESIDENT	400040.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-05
1139	RESIDENT	400760.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-05
856	RESIDENT	400020.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-05
1466	RESIDENT	400740.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-05
724	RESIDENT	400760.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-05
1180	RESIDENT	400760.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-05
514	RESIDENT	400700.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-05

301	RESIDENT	400500.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-05
1221	RESIDENT	400760.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-05
549	RESIDENT	400000.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-05
394	RESIDENT	400620.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-05
465	RESIDENT	400060.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-05
1262	RESIDENT	400760.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-05
410	RESIDENT	400120.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-05
692	RESIDENT	400760.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.40E-05
595	RESIDENT	400740.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-05
823	RESIDENT	400000.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-05
1303	RESIDENT	400760.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05
544	RESIDENT	400720.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-05
267	RESIDENT	400400.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-05
333	RESIDENT	400560.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-05
266	RESIDENT	400380.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-05
1344	RESIDENT	400760.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-05
268	RESIDENT	400420.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-05
265	RESIDENT	400360.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-05
437	RESIDENT	400080.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-05
364	RESIDENT	400600.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-05
1443	RESIDENT	400280.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-05
660	RESIDENT	400760.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-05
1401	RESIDENT	400260.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-05
302	RESIDENT	400520.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-05
981	RESIDENT	400060.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-05
1385	RESIDENT	400760.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-05
1023	RESIDENT	400080.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-05
269	RESIDENT	400440.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-05
939	RESIDENT	400040.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-05
1065	RESIDENT	400100.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-05
1359	RESIDENT	400240.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-05
1149	RESIDENT	400140.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-05
1107	RESIDENT	400120.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-05
264	RESIDENT	400340.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-05
1191	RESIDENT	400160.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.97E-05
1317	RESIDENT	400220.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.97E-05
897	RESIDENT	400020.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-05
1275	RESIDENT	400200.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-05
1233	RESIDENT	400180.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-05
455	RESIDENT	400680.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-05
1426	RESIDENT	400760.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-05
492	RESIDENT	400020.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-05
520	RESIDENT	400000.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-05
853	RESIDENT	400780.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-05
425	RESIDENT	400660.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-05
894	RESIDENT	400780.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-05
382	RESIDENT	400140.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-05
570	RESIDENT	400740.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-05
821	RESIDENT	400780.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-05
270	RESIDENT	400460.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-05
935	RESIDENT	400780.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-05
485	RESIDENT	400700.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.85E-05
976	RESIDENT	400780.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-05
789	RESIDENT	400780.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-05
1017	RESIDENT	400780.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-05
628	RESIDENT	400760.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-05
464	RESIDENT	400040.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-05
855	RESIDENT	400000.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-05
1467	RESIDENT	400760.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-05
263	RESIDENT	400320.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-05
1058	RESIDENT	400780.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-05
409	RESIDENT	400100.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-05

395	RESIDENT	400640.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-05
757	RESIDENT	400780.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-05
1099	RESIDENT	400780.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-05
334	RESIDENT	400580.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-05
515	RESIDENT	400720.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-05
1140	RESIDENT	400780.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-05
303	RESIDENT	400540.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-05
271	RESIDENT	400480.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-05
725	RESIDENT	400780.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-05
1181	RESIDENT	400780.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-05
1222	RESIDENT	400780.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-05
436	RESIDENT	400060.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-05
1263	RESIDENT	400780.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-05
365	RESIDENT	400620.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-05
262	RESIDENT	400300.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-05
596	RESIDENT	400760.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-05
693	RESIDENT	400780.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-05
1304	RESIDENT	400780.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-05
545	RESIDENT	400740.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-05
1345	RESIDENT	400780.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-05
980	RESIDENT	400040.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-05
272	RESIDENT	400500.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-05
381	RESIDENT	400120.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-05
1442	RESIDENT	400260.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-05
1022	RESIDENT	400060.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-05
938	RESIDENT	400020.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-05
1064	RESIDENT	400080.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-05
1400	RESIDENT	400240.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-05
491	RESIDENT	400000.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-05
1386	RESIDENT	400780.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-05
1106	RESIDENT	400100.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-05
661	RESIDENT	400780.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-05
1358	RESIDENT	400220.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-05
1190	RESIDENT	400140.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-05
1148	RESIDENT	400120.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-05
896	RESIDENT	400000.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-05
304	RESIDENT	400560.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-05
1232	RESIDENT	400160.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-05
1316	RESIDENT	400200.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-05
456	RESIDENT	400700.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-05
426	RESIDENT	400680.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-05
408	RESIDENT	400080.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-05
463	RESIDENT	400020.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-05
1274	RESIDENT	400180.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-05
1427	RESIDENT	400780.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-05
261	RESIDENT	400280.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-05
335	RESIDENT	400600.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-05
486	RESIDENT	400720.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-05
396	RESIDENT	400660.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-05
226	RESIDENT	400400.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-05
571	RESIDENT	400760.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-05
225	RESIDENT	400380.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-05
1468	RESIDENT	400780.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-05
854	RESIDENT	400800.1	3750006	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-05
895	RESIDENT	400800.1	3750026	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-05
227	RESIDENT	400420.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-05
822	RESIDENT	400800.1	3749986	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-05
936	RESIDENT	400800.1	3750046	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-05
273	RESIDENT	400520.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-05
224	RESIDENT	400360.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-05
790	RESIDENT	400800.1	3749966	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-05
977	RESIDENT	400800.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-05

629	RESIDENT	400780.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-05
435	RESIDENT	400040.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-05
1018	RESIDENT	400800.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-05
228	RESIDENT	400440.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-05
516	RESIDENT	400740.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-05
758	RESIDENT	400800.1	3749946	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-05
366	RESIDENT	400640.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-05
1059	RESIDENT	400800.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-05
353	RESIDENT	400140.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-05
223	RESIDENT	400340.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-05
1100	RESIDENT	400800.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-05
1141	RESIDENT	400800.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-05
260	RESIDENT	400260.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-05
726	RESIDENT	400800.1	3749926	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-05
380	RESIDENT	400100.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-05
1182	RESIDENT	400800.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-05
229	RESIDENT	400460.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-05
305	RESIDENT	400580.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-05
1223	RESIDENT	400800.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-05
1264	RESIDENT	400800.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-05
222	RESIDENT	400320.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-05
597	RESIDENT	400780.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-05
407	RESIDENT	400060.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-05
979	RESIDENT	400020.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-05
546	RESIDENT	400760.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-05
694	RESIDENT	400800.1	3749906	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-05
1021	RESIDENT	400040.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-05
1305	RESIDENT	400800.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-05
274	RESIDENT	400540.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-05
462	RESIDENT	400000.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-05
336	RESIDENT	400620.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-05
937	RESIDENT	400000.1	3750066	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-05
1063	RESIDENT	400060.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-05
1441	RESIDENT	400240.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-05
1105	RESIDENT	400080.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-05
1346	RESIDENT	400800.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-05
230	RESIDENT	400480.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-05
1399	RESIDENT	400220.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-05
1147	RESIDENT	400100.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-05
427	RESIDENT	400700.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05
1357	RESIDENT	400200.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-05
1387	RESIDENT	400800.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-05
1231	RESIDENT	400140.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-05
457	RESIDENT	400720.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-05
1189	RESIDENT	400120.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-05
1273	RESIDENT	400160.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-05
1315	RESIDENT	400180.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-05
397	RESIDENT	400680.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-05
662	RESIDENT	400800.1	3749886	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-05
221	RESIDENT	400300.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-05
434	RESIDENT	400020.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-05
1428	RESIDENT	400800.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-05
259	RESIDENT	400240.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-05
487	RESIDENT	400740.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-05
352	RESIDENT	400120.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-05
1469	RESIDENT	400800.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-05
572	RESIDENT	400780.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-05
367	RESIDENT	400660.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-05
231	RESIDENT	400500.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-05
379	RESIDENT	400080.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-05
306	RESIDENT	400600.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-05
275	RESIDENT	400560.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-05

630	RESIDENT	400800.1	3749866	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-05
517	RESIDENT	400760.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-05
220	RESIDENT	400280.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-05
406	RESIDENT	400040.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-05
337	RESIDENT	400640.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-05
185	RESIDENT	400400.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-05
184	RESIDENT	400380.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-05
232	RESIDENT	400520.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-05
978	RESIDENT	400000.1	3750086	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-05
258	RESIDENT	400220.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-05
186	RESIDENT	400420.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-05
1020	RESIDENT	400020.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-05
1062	RESIDENT	400040.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-05
183	RESIDENT	400360.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-05
324	RESIDENT	400140.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-05
1104	RESIDENT	400060.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-05
547	RESIDENT	400780.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-05
598	RESIDENT	400800.1	3749846	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-05
433	RESIDENT	400000.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-05
187	RESIDENT	400440.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-05
1146	RESIDENT	400080.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-05
1440	RESIDENT	400220.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-05
351	RESIDENT	400100.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-05
428	RESIDENT	400720.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-05
1398	RESIDENT	400200.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-05
398	RESIDENT	400700.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-05
182	RESIDENT	400340.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-05
1188	RESIDENT	400100.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-05
219	RESIDENT	400260.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-05
276	RESIDENT	400580.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-05
458	RESIDENT	400740.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-05
1272	RESIDENT	400140.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-05
1356	RESIDENT	400180.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-05
1230	RESIDENT	400120.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-05
1314	RESIDENT	400160.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-05
378	RESIDENT	400060.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-05
307	RESIDENT	400620.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-05
188	RESIDENT	400460.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-05
368	RESIDENT	400680.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-05
488	RESIDENT	400760.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-05
233	RESIDENT	400540.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-05
181	RESIDENT	400320.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05
405	RESIDENT	400020.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-05
573	RESIDENT	400800.1	3749826	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-05
189	RESIDENT	400480.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-05
257	RESIDENT	400200.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-05
338	RESIDENT	400660.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-05
518	RESIDENT	400780.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-05
218	RESIDENT	400240.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-05
323	RESIDENT	400120.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-05
180	RESIDENT	400300.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-05
350	RESIDENT	400080.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-05
277	RESIDENT	400600.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-05
1019	RESIDENT	400000.1	3750106	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-05
190	RESIDENT	400500.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-05
234	RESIDENT	400560.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-05
377	RESIDENT	400040.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-05
1061	RESIDENT	400020.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-05
1103	RESIDENT	400040.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-05
308	RESIDENT	400640.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-05
1145	RESIDENT	400060.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-05
429	RESIDENT	400740.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-05

399	RESIDENT	400720.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-05
548	RESIDENT	400800.1	3749806	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-05
1439	RESIDENT	400200.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-05
1187	RESIDENT	400080.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-05
179	RESIDENT	400280.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-05
1397	RESIDENT	400180.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-05
1229	RESIDENT	400100.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-05
1271	RESIDENT	400120.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-05
1313	RESIDENT	400140.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-05
1355	RESIDENT	400160.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-05
459	RESIDENT	400760.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-05
404	RESIDENT	400000.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-05
369	RESIDENT	400700.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-05
256	RESIDENT	400180.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-05
217	RESIDENT	400220.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05
191	RESIDENT	400520.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-05
295	RESIDENT	400140.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-05
144	RESIDENT	400400.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-05
143	RESIDENT	400380.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-05
489	RESIDENT	400780.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-05
145	RESIDENT	400420.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-05
339	RESIDENT	400680.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-05
322	RESIDENT	400100.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-05
142	RESIDENT	400360.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-05
235	RESIDENT	400580.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-05
278	RESIDENT	400620.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-05
349	RESIDENT	400060.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-05
146	RESIDENT	400440.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-05
178	RESIDENT	400260.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-05
141	RESIDENT	400340.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-05
376	RESIDENT	400020.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-05
519	RESIDENT	400800.1	3749786	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-05
147	RESIDENT	400460.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-05
309	RESIDENT	400660.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-05
192	RESIDENT	400540.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-05
140	RESIDENT	400320.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-05
1060	RESIDENT	400000.1	3750126	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-05
216	RESIDENT	400200.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-05
255	RESIDENT	400160.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-05
1102	RESIDENT	400020.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-05
1144	RESIDENT	400040.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-05
400	RESIDENT	400740.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-05
148	RESIDENT	400480.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-05
430	RESIDENT	400760.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-05
294	RESIDENT	400120.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-05
1186	RESIDENT	400060.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-05
370	RESIDENT	400720.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-05
177	RESIDENT	400240.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-05
1438	RESIDENT	400180.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-05
1228	RESIDENT	400080.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05
236	RESIDENT	400600.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05
1396	RESIDENT	400160.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05
1270	RESIDENT	400100.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05
1312	RESIDENT	400120.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05
1354	RESIDENT	400140.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-05
321	RESIDENT	400080.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-05
460	RESIDENT	400780.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-05
139	RESIDENT	400300.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-05
279	RESIDENT	400640.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-05
348	RESIDENT	400040.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-05
340	RESIDENT	400700.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-05
193	RESIDENT	400560.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-05

149	RESIDENT	400500.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-05
375	RESIDENT	400000.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-05
490	RESIDENT	400800.1	3749766	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-05
138	RESIDENT	400280.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-05
310	RESIDENT	400680.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-05
215	RESIDENT	400180.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-05
254	RESIDENT	400140.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-05
176	RESIDENT	400220.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-05
150	RESIDENT	400520.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-05
293	RESIDENT	400100.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-05
237	RESIDENT	400620.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-05
103	RESIDENT	400400.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-05
194	RESIDENT	400580.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-05
102	RESIDENT	400380.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-05
320	RESIDENT	400060.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-05
104	RESIDENT	400420.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-05
1101	RESIDENT	400000.1	3750146	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-05
401	RESIDENT	400760.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-05
101	RESIDENT	400360.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-05
347	RESIDENT	400020.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-05
280	RESIDENT	400660.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-05
1143	RESIDENT	400020.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-05
371	RESIDENT	400740.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-05
137	RESIDENT	400260.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-05
431	RESIDENT	400780.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-05
1185	RESIDENT	400040.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-05
105	RESIDENT	400440.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-05
1227	RESIDENT	400060.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-05
1311	RESIDENT	400100.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-05
1437	RESIDENT	400160.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-05
1269	RESIDENT	400080.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-05
100	RESIDENT	400340.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-05
1395	RESIDENT	400140.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-05
1353	RESIDENT	400120.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-05
341	RESIDENT	400720.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-05
461	RESIDENT	400800.1	3749746	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-05
151	RESIDENT	400540.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-05
106	RESIDENT	400460.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-05
175	RESIDENT	400200.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-05
214	RESIDENT	400160.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-05
99	RESIDENT	400320.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-05
311	RESIDENT	400700.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-05
253	RESIDENT	400120.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-05
195	RESIDENT	400600.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-05
238	RESIDENT	400640.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-05
107	RESIDENT	400480.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-05
136	RESIDENT	400240.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-05
292	RESIDENT	400080.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05
319	RESIDENT	400040.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-05
98	RESIDENT	400300.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-05
346	RESIDENT	400000.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05
152	RESIDENT	400560.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05
281	RESIDENT	400680.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-05
108	RESIDENT	400500.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-05
402	RESIDENT	400780.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-05
372	RESIDENT	400760.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-05
1142	RESIDENT	400000.1	3750166	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-05
174	RESIDENT	400180.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-05
432	RESIDENT	400800.1	3749726	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-05
97	RESIDENT	400280.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-05
1184	RESIDENT	400020.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-05
342	RESIDENT	400740.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-05

213	RESIDENT	400140.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-05
1226	RESIDENT	400040.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-05
135	RESIDENT	400220.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-05
1268	RESIDENT	400060.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-05
1310	RESIDENT	400080.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-05
1352	RESIDENT	400100.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-05
196	RESIDENT	400620.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-05
1394	RESIDENT	400120.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-05
1436	RESIDENT	400140.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-05
252	RESIDENT	400100.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-05
109	RESIDENT	400520.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-05
239	RESIDENT	400660.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-05
153	RESIDENT	400580.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-05
312	RESIDENT	400720.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-05
291	RESIDENT	400060.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-05
318	RESIDENT	400020.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-05
62	RESIDENT	400400.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-05
61	RESIDENT	400380.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-05
63	RESIDENT	400420.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-05
96	RESIDENT	400260.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-05
60	RESIDENT	400360.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-05
64	RESIDENT	400440.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-05
282	RESIDENT	400700.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-05
59	RESIDENT	400340.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-05
110	RESIDENT	400540.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-05
173	RESIDENT	400160.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-05
134	RESIDENT	400200.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-05
65	RESIDENT	400460.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-05
212	RESIDENT	400120.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-05
197	RESIDENT	400640.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-05
154	RESIDENT	400600.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-05
58	RESIDENT	400320.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-05
373	RESIDENT	400780.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-05
403	RESIDENT	400800.1	3749706	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-05
251	RESIDENT	400080.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-05
343	RESIDENT	400760.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-05
95	RESIDENT	400240.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-05
1183	RESIDENT	400000.1	3750186	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-05
290	RESIDENT	400040.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-05
240	RESIDENT	400680.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-05
66	RESIDENT	400480.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-05
317	RESIDENT	400000.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05
1225	RESIDENT	400020.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05
1267	RESIDENT	400040.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05
1309	RESIDENT	400060.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-05
1351	RESIDENT	400080.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-05
111	RESIDENT	400560.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-05
1393	RESIDENT	400100.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-05
313	RESIDENT	400740.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-05
1435	RESIDENT	400120.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-05
57	RESIDENT	400300.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-05
67	RESIDENT	400500.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-05
133	RESIDENT	400180.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-05
283	RESIDENT	400720.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-05
172	RESIDENT	400140.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-05
155	RESIDENT	400620.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-05
56	RESIDENT	400280.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-05
198	RESIDENT	400660.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05
94	RESIDENT	400220.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05
211	RESIDENT	400100.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05
112	RESIDENT	400580.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-05
250	RESIDENT	400060.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-05

68	RESIDENT	400520.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-05
289	RESIDENT	400020.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-05
241	RESIDENT	400700.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-05
374	RESIDENT	400800.1	3749686	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05
344	RESIDENT	400780.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-05
21	RESIDENT	400400.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-05
20	RESIDENT	400380.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-05
55	RESIDENT	400260.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-05
22	RESIDENT	400420.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-05
19	RESIDENT	400360.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-05
1224	RESIDENT	400000.1	3750206	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-05
314	RESIDENT	400760.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-05
1266	RESIDENT	400020.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05
132	RESIDENT	400160.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05
1308	RESIDENT	400040.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-05
23	RESIDENT	400440.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-05
69	RESIDENT	400540.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-05
1350	RESIDENT	400060.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-05
1392	RESIDENT	400080.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-05
93	RESIDENT	400200.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-05
156	RESIDENT	400640.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-05
1434	RESIDENT	400100.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-05
18	RESIDENT	400340.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-05
171	RESIDENT	400120.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-05
113	RESIDENT	400600.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-05
199	RESIDENT	400680.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-05
284	RESIDENT	400740.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-05
24	RESIDENT	400460.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-05
210	RESIDENT	400080.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-05
17	RESIDENT	400320.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-05
249	RESIDENT	400040.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-05
54	RESIDENT	400240.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-05
288	RESIDENT	400000.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-05
25	RESIDENT	400480.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-05
70	RESIDENT	400560.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-05
242	RESIDENT	400720.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-05
16	RESIDENT	400300.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-05
92	RESIDENT	400180.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-05
131	RESIDENT	400140.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05
26	RESIDENT	400500.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05
157	RESIDENT	400660.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05
114	RESIDENT	400620.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-05
345	RESIDENT	400800.1	3749666	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-05
170	RESIDENT	400100.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-05
315	RESIDENT	400780.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-05
53	RESIDENT	400220.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-05
15	RESIDENT	400280.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-05
1265	RESIDENT	400000.1	3750226	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05
200	RESIDENT	400700.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05
209	RESIDENT	400060.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05
71	RESIDENT	400580.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05
1307	RESIDENT	400020.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05
1349	RESIDENT	400040.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-05
1391	RESIDENT	400060.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-05
248	RESIDENT	400020.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-05
1433	RESIDENT	400080.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-05
285	RESIDENT	400760.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-05
27	RESIDENT	400520.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-05
14	RESIDENT	400260.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05
243	RESIDENT	400740.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-05
91	RESIDENT	400160.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-05
115	RESIDENT	400640.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-05

130	RESIDENT	400120.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-05
158	RESIDENT	400680.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-05
52	RESIDENT	400200.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-05
28	RESIDENT	400540.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05
72	RESIDENT	400600.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05
169	RESIDENT	400080.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-05
208	RESIDENT	400040.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-05
201	RESIDENT	400720.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-05
247	RESIDENT	400000.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-05
316	RESIDENT	400800.1	3749646	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-05
13	RESIDENT	400240.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-05
29	RESIDENT	400560.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-05
286	RESIDENT	400780.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-05
1306	RESIDENT	400000.1	3750246	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-05
1348	RESIDENT	400020.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-05
1390	RESIDENT	400040.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-05
1432	RESIDENT	400060.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-05
116	RESIDENT	400660.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-05
90	RESIDENT	400140.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05
51	RESIDENT	400180.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05
73	RESIDENT	400620.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-05
244	RESIDENT	400760.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-05
159	RESIDENT	400700.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-05
129	RESIDENT	400100.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-05
12	RESIDENT	400220.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-05
168	RESIDENT	400060.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-05
30	RESIDENT	400580.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-05
207	RESIDENT	400020.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-05
202	RESIDENT	400740.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-05
74	RESIDENT	400640.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05
117	RESIDENT	400680.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05
50	RESIDENT	400160.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05
89	RESIDENT	400120.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-05
287	RESIDENT	400800.1	3749626	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-05
11	RESIDENT	400200.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-05
31	RESIDENT	400600.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-05
160	RESIDENT	400720.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05
128	RESIDENT	400080.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05
1347	RESIDENT	400000.1	3750266	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05
1389	RESIDENT	400020.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-05
1431	RESIDENT	400040.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-05
245	RESIDENT	400780.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-05
167	RESIDENT	400040.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-05
206	RESIDENT	400000.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-05
203	RESIDENT	400760.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-05
75	RESIDENT	400660.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-05
49	RESIDENT	400140.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-05
118	RESIDENT	400700.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-05
10	RESIDENT	400180.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-05
32	RESIDENT	400620.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-05
88	RESIDENT	400100.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-05
127	RESIDENT	400060.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05
161	RESIDENT	400740.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05
166	RESIDENT	400020.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05
246	RESIDENT	400800.1	3749606	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05
1388	RESIDENT	400000.1	3750286	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-05
1430	RESIDENT	400020.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05
76	RESIDENT	400680.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05
33	RESIDENT	400640.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05
9	RESIDENT	400160.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-05
48	RESIDENT	400120.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-05
204	RESIDENT	400780.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-05

119	RESIDENT	400720.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05
87	RESIDENT	400080.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05
126	RESIDENT	400040.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-05
162	RESIDENT	400760.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-05
165	RESIDENT	400000.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-05
34	RESIDENT	400660.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-05
77	RESIDENT	400700.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-05
8	RESIDENT	400140.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05
47	RESIDENT	400100.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-05
120	RESIDENT	400740.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05
1429	RESIDENT	400000.1	3750306	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05
205	RESIDENT	400800.1	3749586	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-05
86	RESIDENT	400060.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05
125	RESIDENT	400020.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-05
163	RESIDENT	400780.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-05
35	RESIDENT	400680.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-05
78	RESIDENT	400720.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-05
7	RESIDENT	400120.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-05
46	RESIDENT	400080.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-05
121	RESIDENT	400760.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05
85	RESIDENT	400040.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-05
124	RESIDENT	400000.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-05
36	RESIDENT	400700.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05
164	RESIDENT	400800.1	3749566	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05
79	RESIDENT	400740.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05
6	RESIDENT	400100.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-05
45	RESIDENT	400060.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-05
122	RESIDENT	400780.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-05
84	RESIDENT	400020.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-05
37	RESIDENT	400720.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-05
80	RESIDENT	400760.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-05
5	RESIDENT	400080.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05
44	RESIDENT	400040.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05
83	RESIDENT	400000.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-05
123	RESIDENT	400800.1	3749546	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-05
38	RESIDENT	400740.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-05
81	RESIDENT	400780.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05
4	RESIDENT	400060.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05
43	RESIDENT	400020.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05
39	RESIDENT	400760.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05
82	RESIDENT	400800.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-05
3	RESIDENT	400040.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-05
42	RESIDENT	400000.1	3749526	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05
40	RESIDENT	400780.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-05
2	RESIDENT	400020.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05
41	RESIDENT	400800.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05
1	RESIDENT	400000.1	3749506	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-05

Hermosillo Park Project - Unmitigated Construction Cancer Risk - School Receptors

*HARP - HRACalc v22118 2/5/2024 11:22:22 AM - Cancer Risk - Sorted Max to Min

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1577	SCHOOL		400273	3749844	2.79E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1576	SCHOOL		400253	3749844	2.04E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1565	SCHOOL		400313	3749804	2.02E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1571	SCHOOL		400273	3749824	1.96E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1557	SCHOOL		400373	3749784	1.81E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1556	SCHOOL		400353	3749784	1.70E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1564	SCHOOL		400293	3749804	1.70E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1575	SCHOOL		400233	3749844	1.56E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1555	SCHOOL		400333	3749784	1.55E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1570	SCHOOL		400253	3749824	1.55E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1563	SCHOOL		400273	3749804	1.41E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1554	SCHOOL		400313	3749784	1.38E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1569	SCHOOL		400233	3749824	1.25E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1574	SCHOOL		400213	3749844	1.24E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1546	SCHOOL		400373	3749764	1.23E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1553	SCHOOL		400293	3749784	1.21E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1562	SCHOOL		400253	3749804	1.18E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1545	SCHOOL		400353	3749764	1.17E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1544	SCHOOL		400333	3749764	1.09E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1552	SCHOOL		400273	3749784	1.05E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1568	SCHOOL		400213	3749824	1.03E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1573	SCHOOL		400193	3749844	1.01E-07	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1543	SCHOOL		400313	3749764	9.99E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1561	SCHOOL		400233	3749804	9.89E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1551	SCHOOL		400253	3749784	9.08E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1542	SCHOOL		400293	3749764	9.00E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1535	SCHOOL		400373	3749744	8.95E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1567	SCHOOL		400193	3749824	8.63E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1534	SCHOOL		400353	3749744	8.62E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1572	SCHOOL		400173	3749844	8.45E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1560	SCHOOL		400213	3749804	8.41E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1533	SCHOOL		400333	3749744	8.14E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1541	SCHOOL		400273	3749764	8.03E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1550	SCHOOL		400233	3749784	7.87E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1532	SCHOOL		400313	3749744	7.57E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1566	SCHOOL		400173	3749824	7.35E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1559	SCHOOL		400193	3749804	7.23E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1540	SCHOOL		400253	3749764	7.13E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1531	SCHOOL		400293	3749744	6.95E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1549	SCHOOL		400213	3749784	6.86E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1524	SCHOOL		400373	3749724	6.83E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1523	SCHOOL		400353	3749724	6.62E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1539	SCHOOL		400233	3749764	6.33E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1530	SCHOOL		400273	3749744	6.32E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1522	SCHOOL		400333	3749724	6.31E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1558	SCHOOL		400173	3749804	6.28E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1548	SCHOOL		400193	3749784	6.02E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1521	SCHOOL		400313	3749724	5.94E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1529	SCHOOL		400253	3749744	5.72E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1538	SCHOOL		400213	3749764	5.63E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1520	SCHOOL		400293	3749724	5.52E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1513	SCHOOL		400373	3749704	5.39E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1547	SCHOOL		400173	3749784	5.33E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1512	SCHOOL		400353	3749704	5.25E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1528	SCHOOL		400233	3749744	5.16E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1519	SCHOOL	400273	3749724	5.09E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1511	SCHOOL	400333	3749704	5.04E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1537	SCHOOL	400193	3749764	5.03E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1510	SCHOOL	400313	3749704	4.79E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1518	SCHOOL	400253	3749724	4.67E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1527	SCHOOL	400213	3749744	4.66E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1536	SCHOOL	400173	3749764	4.51E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1509	SCHOOL	400293	3749704	4.50E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1502	SCHOOL	400373	3749684	4.36E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1517	SCHOOL	400233	3749724	4.27E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1501	SCHOOL	400353	3749684	4.27E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1526	SCHOOL	400193	3749744	4.22E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1508	SCHOOL	400273	3749704	4.19E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500	SCHOOL	400333	3749684	4.12E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1499	SCHOOL	400313	3749684	3.94E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1516	SCHOOL	400213	3749724	3.90E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1507	SCHOOL	400253	3749704	3.89E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1525	SCHOOL	400173	3749744	3.83E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1498	SCHOOL	400293	3749684	3.73E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1491	SCHOOL	400373	3749664	3.61E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1506	SCHOOL	400233	3749704	3.59E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1515	SCHOOL	400193	3749724	3.57E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1490	SCHOOL	400353	3749664	3.54E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1497	SCHOOL	400273	3749684	3.51E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1489	SCHOOL	400333	3749664	3.44E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1505	SCHOOL	400213	3749704	3.31E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1488	SCHOOL	400313	3749664	3.30E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1496	SCHOOL	400253	3749684	3.28E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1514	SCHOOL	400173	3749724	3.28E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1487	SCHOOL	400293	3749664	3.15E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1495	SCHOOL	400233	3749684	3.06E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1504	SCHOOL	400193	3749704	3.06E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1480	SCHOOL	400373	3749644	3.03E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1479	SCHOOL	400353	3749644	2.98E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1486	SCHOOL	400273	3749664	2.98E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1478	SCHOOL	400333	3749644	2.91E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1494	SCHOOL	400213	3749684	2.84E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1503	SCHOOL	400173	3749704	2.82E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1477	SCHOOL	400313	3749644	2.81E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1485	SCHOOL	400253	3749664	2.81E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1476	SCHOOL	400293	3749644	2.69E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1493	SCHOOL	400193	3749684	2.64E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1484	SCHOOL	400233	3749664	2.63E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1475	SCHOOL	400273	3749644	2.56E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1483	SCHOOL	400213	3749664	2.46E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1492	SCHOOL	400173	3749684	2.45E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1474	SCHOOL	400253	3749644	2.43E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1482	SCHOOL	400193	3749664	2.30E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1473	SCHOOL	400233	3749644	2.29E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1472	SCHOOL	400213	3749644	2.16E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1481	SCHOOL	400173	3749664	2.15E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1471	SCHOOL	400193	3749644	2.03E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1470	SCHOOL	400173	3749644	1.90E-08	2YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Hermosillo Park Project - Unmitigated Construction Chronic Risk - School Receptors

*HARP - HRACalc v22118 2/5/2024 11:22:42 AM - Chronic Risk - Sorted Max to Min

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1577	SCHOOL		400273	3749844	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-04
1576	SCHOOL		400253	3749844	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-04
1565	SCHOOL		400313	3749804	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-04
1571	SCHOOL		400273	3749824	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-04
1557	SCHOOL		400373	3749784	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-04
1556	SCHOOL		400353	3749784	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-04
1564	SCHOOL		400293	3749804	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-04
1575	SCHOOL		400233	3749844	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04
1555	SCHOOL		400333	3749784	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04
1570	SCHOOL		400253	3749824	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-04
1563	SCHOOL		400273	3749804	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04
1554	SCHOOL		400313	3749784	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
1569	SCHOOL		400233	3749824	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04
1574	SCHOOL		400213	3749844	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
1546	SCHOOL		400373	3749764	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04
1553	SCHOOL		400293	3749784	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04
1562	SCHOOL		400253	3749804	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04
1545	SCHOOL		400353	3749764	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
1544	SCHOOL		400333	3749764	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04
1552	SCHOOL		400273	3749784	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04
1568	SCHOOL		400213	3749824	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
1573	SCHOOL		400193	3749844	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04
1543	SCHOOL		400313	3749764	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
1561	SCHOOL		400233	3749804	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04
1551	SCHOOL		400253	3749784	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04
1542	SCHOOL		400293	3749764	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
1535	SCHOOL		400373	3749744	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
1567	SCHOOL		400193	3749824	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
1534	SCHOOL		400353	3749744	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
1572	SCHOOL		400173	3749844	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04
1560	SCHOOL		400213	3749804	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
1533	SCHOOL		400333	3749744	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
1541	SCHOOL		400273	3749764	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
1550	SCHOOL		400233	3749784	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
1532	SCHOOL		400313	3749744	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04
1566	SCHOOL		400173	3749824	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
1559	SCHOOL		400193	3749804	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
1540	SCHOOL		400253	3749764	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
1531	SCHOOL		400293	3749744	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
1549	SCHOOL		400213	3749784	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
1524	SCHOOL		400373	3749724	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
1523	SCHOOL		400353	3749724	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
1539	SCHOOL		400233	3749764	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
1530	SCHOOL		400273	3749744	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
1522	SCHOOL		400333	3749724	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
1558	SCHOOL		400173	3749804	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
1548	SCHOOL		400193	3749784	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
1521	SCHOOL		400313	3749724	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
1529	SCHOOL		400253	3749744	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
1538	SCHOOL		400213	3749764	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
1520	SCHOOL		400293	3749724	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
1513	SCHOOL		400373	3749704	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
1547	SCHOOL		400173	3749784	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
1512	SCHOOL		400353	3749704	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
1528	SCHOOL		400233	3749744	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
1519	SCHOOL		400273	3749724	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
1511	SCHOOL		400333	3749704	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
1537	SCHOOL		400193	3749764	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04

1510	SCHOOL	400313	3749704	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
1518	SCHOOL	400253	3749724	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
1527	SCHOOL	400213	3749744	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
1536	SCHOOL	400173	3749764	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
1509	SCHOOL	400293	3749704	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
1502	SCHOOL	400373	3749684	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
1517	SCHOOL	400233	3749724	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
1501	SCHOOL	400353	3749684	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
1526	SCHOOL	400193	3749744	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
1508	SCHOOL	400273	3749704	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
1500	SCHOOL	400333	3749684	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
1499	SCHOOL	400313	3749684	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
1516	SCHOOL	400213	3749724	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
1507	SCHOOL	400253	3749704	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
1525	SCHOOL	400173	3749744	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
1498	SCHOOL	400293	3749684	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
1491	SCHOOL	400373	3749664	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
1506	SCHOOL	400233	3749704	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
1515	SCHOOL	400193	3749724	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
1490	SCHOOL	400353	3749664	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
1497	SCHOOL	400273	3749684	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
1489	SCHOOL	400333	3749664	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
1505	SCHOOL	400213	3749704	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
1488	SCHOOL	400313	3749664	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
1496	SCHOOL	400253	3749684	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
1514	SCHOOL	400173	3749724	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
1487	SCHOOL	400293	3749664	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
1495	SCHOOL	400233	3749684	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
1504	SCHOOL	400193	3749704	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
1480	SCHOOL	400373	3749644	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
1479	SCHOOL	400353	3749644	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
1486	SCHOOL	400273	3749664	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
1478	SCHOOL	400333	3749644	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
1494	SCHOOL	400213	3749684	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-05
1503	SCHOOL	400173	3749704	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-05
1477	SCHOOL	400313	3749644	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-05
1485	SCHOOL	400253	3749664	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-05
1476	SCHOOL	400293	3749644	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-05
1493	SCHOOL	400193	3749684	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E-05
1484	SCHOOL	400233	3749664	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-05
1475	SCHOOL	400273	3749644	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-05
1483	SCHOOL	400213	3749664	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-05
1492	SCHOOL	400173	3749684	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-05
1474	SCHOOL	400253	3749644	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-05
1482	SCHOOL	400193	3749664	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-05
1473	SCHOOL	400233	3749644	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-05
1472	SCHOOL	400213	3749644	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-05
1481	SCHOOL	400173	3749664	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-05
1471	SCHOOL	400193	3749644	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-05
1470	SCHOOL	400173	3749644	NonCancerChronicDerived_InhSoilDermMMilkCrops	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-05

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 2/5/2024
** File: C:\Lakes\AERMOD View\Hermosillo Park Construction\Hermosillo Park
Construction.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Hermosillo Park Stormwater Capture Project
   TITLETWO Construction
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 9818605 SCAQMD_Methodology
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "Hermosillo Park Construction.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Off-road Equipment and Truck Exhaust
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 31
** 400293.178, 3750015.527, 20.99, 5.00, 4.65
```

```
** 400291.794, 3749870.706, 20.72, 5.00, 4.65
** 400365.127, 3749835.192, 21.04, 5.00, 4.65
** 400468.900, 3749835.653, 20.94, 5.00, 4.65
** 400467.516, 3750011.376, 21.07, 5.00, 4.65
** 400305.630, 3750011.376, 21.06, 5.00, 4.65
** 400304.708, 3749880.391, 20.90, 5.00, 4.65
** 400365.127, 3749852.257, 21.57, 5.00, 4.65
** 400455.525, 3749853.180, 21.08, 5.00, 4.65
** 400454.602, 3749998.000, 20.71, 5.00, 4.65
** 400320.389, 3749998.000, 20.63, 5.00, 4.65
** 400319.467, 3749890.999, 21.02, 5.00, 4.65
** 400367.894, 3749869.322, 21.54, 5.00, 4.65
** 400441.227, 3749869.322, 21.35, 5.00, 4.65
** 400440.766, 3749983.242, 20.57, 5.00, 4.65
** 400336.532, 3749984.164, 20.40, 5.00, 4.65
** 400336.532, 3749906.219, 20.73, 5.00, 4.65
** 400369.739, 3749889.615, 21.60, 5.00, 4.65
** 400426.468, 3749889.615, 21.41, 5.00, 4.65
** 400426.007, 3749968.022, 20.27, 5.00, 4.65
** 400353.135, 3749968.944, 20.28, 5.00, 4.65
** 400353.135, 3749920.978, 20.87, 5.00, 4.65
** 400375.274, 3749908.986, 21.30, 5.00, 4.65
** 400411.248, 3749908.525, 21.42, 5.00, 4.65
** 400411.248, 3749950.957, 20.91, 5.00, 4.65
** 400371.123, 3749951.879, 20.53, 5.00, 4.65
** 400371.584, 3749933.431, 20.60, 5.00, 4.65
** 400381.731, 3749925.590, 21.44, 5.00, 4.65
** 400397.412, 3749925.590, 21.56, 5.00, 4.65
** 400396.951, 3749940.349, 21.39, 5.00, 4.65
** 400387.265, 3749940.349, 21.10, 5.00, 4.65
** ------------------------------------------------------------------
   LOCATION L0000001     VOLUME   400293.130 3750010.527 21.14
   LOCATION L0000002     VOLUME   400293.034 3750000.527 20.95
   LOCATION L0000003     VOLUME   400292.939 3749990.528 20.91
   LOCATION L0000004     VOLUME   400292.843 3749980.528 20.87
   LOCATION L0000005     VOLUME   400292.748 3749970.529 20.85
   LOCATION L0000006     VOLUME   400292.652 3749960.529 20.83
   LOCATION L0000007     VOLUME   400292.557 3749950.530 20.82
   LOCATION L0000008     VOLUME   400292.461 3749940.530 20.82
   LOCATION L0000009     VOLUME   400292.366 3749930.530 20.83
   LOCATION L0000010     VOLUME   400292.270 3749920.531 20.85
   LOCATION L0000011     VOLUME   400292.175 3749910.531 20.87
   LOCATION L0000012     VOLUME   400292.079 3749900.532 20.87
   LOCATION L0000013     VOLUME   400291.983 3749890.532 20.87
   LOCATION L0000014     VOLUME   400291.888 3749880.533 20.85
   LOCATION L0000015     VOLUME   400291.949 3749870.630 20.73
   LOCATION L0000016     VOLUME   400300.949 3749866.272 20.69
   LOCATION L0000017     VOLUME   400309.950 3749861.913 20.65
   LOCATION L0000018     VOLUME   400318.950 3749857.555 20.58
   LOCATION L0000019     VOLUME   400327.950 3749853.196 20.74
```

```
LOCATION L0000020     VOLUME   400336.950 3749848.838 20.97
LOCATION L0000021     VOLUME   400345.950 3749844.479 21.11
LOCATION L0000022     VOLUME   400354.950 3749840.121 21.09
LOCATION L0000023     VOLUME   400363.951 3749835.762 21.03
LOCATION L0000024     VOLUME   400373.820 3749835.231 21.02
LOCATION L0000025     VOLUME   400383.820 3749835.275 20.91
LOCATION L0000026     VOLUME   400393.820 3749835.320 20.79
LOCATION L0000027     VOLUME   400403.820 3749835.364 20.75
LOCATION L0000028     VOLUME   400413.819 3749835.409 20.76
LOCATION L0000029     VOLUME   400423.819 3749835.453 20.76
LOCATION L0000030     VOLUME   400433.819 3749835.498 20.73
LOCATION L0000031     VOLUME   400443.819 3749835.542 20.71
LOCATION L0000032     VOLUME   400453.819 3749835.586 20.75
LOCATION L0000033     VOLUME   400463.819 3749835.631 20.85
LOCATION L0000034     VOLUME   400468.861 3749840.572 20.97
LOCATION L0000035     VOLUME   400468.782 3749850.572 21.12
LOCATION L0000036     VOLUME   400468.704 3749860.572 21.14
LOCATION L0000037     VOLUME   400468.625 3749870.571 21.16
LOCATION L0000038     VOLUME   400468.546 3749880.571 21.18
LOCATION L0000039     VOLUME   400468.467 3749890.571 21.13
LOCATION L0000040     VOLUME   400468.389 3749900.570 21.08
LOCATION L0000041     VOLUME   400468.310 3749910.570 21.03
LOCATION L0000042     VOLUME   400468.231 3749920.570 20.99
LOCATION L0000043     VOLUME   400468.153 3749930.570 20.95
LOCATION L0000044     VOLUME   400468.074 3749940.569 20.90
LOCATION L0000045     VOLUME   400467.995 3749950.569 20.86
LOCATION L0000046     VOLUME   400467.916 3749960.569 20.82
LOCATION L0000047     VOLUME   400467.838 3749970.568 20.77
LOCATION L0000048     VOLUME   400467.759 3749980.568 20.78
LOCATION L0000049     VOLUME   400467.680 3749990.568 20.81
LOCATION L0000050     VOLUME   400467.601 3750000.567 20.83
LOCATION L0000051     VOLUME   400467.523 3750010.567 20.98
LOCATION L0000052     VOLUME   400458.325 3750011.376 20.86
LOCATION L0000053     VOLUME   400448.325 3750011.376 20.73
LOCATION L0000054     VOLUME   400438.325 3750011.376 20.76
LOCATION L0000055     VOLUME   400428.325 3750011.376 20.77
LOCATION L0000056     VOLUME   400418.325 3750011.376 20.88
LOCATION L0000057     VOLUME   400408.325 3750011.376 21.05
LOCATION L0000058     VOLUME   400398.325 3750011.376 21.22
LOCATION L0000059     VOLUME   400388.325 3750011.376 21.15
LOCATION L0000060     VOLUME   400378.325 3750011.376 21.08
LOCATION L0000061     VOLUME   400368.325 3750011.376 20.99
LOCATION L0000062     VOLUME   400358.325 3750011.376 20.88
LOCATION L0000063     VOLUME   400348.325 3750011.376 20.77
LOCATION L0000064     VOLUME   400338.325 3750011.376 20.81
LOCATION L0000065     VOLUME   400328.325 3750011.376 20.88
LOCATION L0000066     VOLUME   400318.325 3750011.376 20.95
LOCATION L0000067     VOLUME   400308.325 3750011.376 21.04
LOCATION L0000068     VOLUME   400305.579 3750004.070 20.82
LOCATION L0000069     VOLUME   400305.509 3749994.071 20.77
```

LOCATION L0000070 VOLUME 400305.438 3749984.071 20.73
LOCATION L0000071 VOLUME 400305.368 3749974.071 20.69
LOCATION L0000072 VOLUME 400305.297 3749964.071 20.69
LOCATION L0000073 VOLUME 400305.227 3749954.072 20.69
LOCATION L0000074 VOLUME 400305.156 3749944.072 20.69
LOCATION L0000075 VOLUME 400305.086 3749934.072 20.71
LOCATION L0000076 VOLUME 400305.016 3749924.072 20.72
LOCATION L0000077 VOLUME 400304.945 3749914.072 20.74
LOCATION L0000078 VOLUME 400304.875 3749904.073 20.79
LOCATION L0000079 VOLUME 400304.804 3749894.073 20.86
LOCATION L0000080 VOLUME 400304.734 3749884.073 20.92
LOCATION L0000081 VOLUME 400310.435 3749877.724 20.90
LOCATION L0000082 VOLUME 400319.501 3749873.503 20.88
LOCATION L0000083 VOLUME 400328.566 3749869.282 20.96
LOCATION L0000084 VOLUME 400337.631 3749865.060 21.10
LOCATION L0000085 VOLUME 400346.697 3749860.839 21.28
LOCATION L0000086 VOLUME 400355.762 3749856.618 21.40
LOCATION L0000087 VOLUME 400364.828 3749852.397 21.53
LOCATION L0000088 VOLUME 400374.796 3749852.356 21.54
LOCATION L0000089 VOLUME 400384.796 3749852.458 21.31
LOCATION L0000090 VOLUME 400394.795 3749852.560 21.09
LOCATION L0000091 VOLUME 400404.795 3749852.662 21.04
LOCATION L0000092 VOLUME 400414.794 3749852.764 21.03
LOCATION L0000093 VOLUME 400424.794 3749852.866 21.01
LOCATION L0000094 VOLUME 400434.793 3749852.968 20.97
LOCATION L0000095 VOLUME 400444.793 3749853.070 20.93
LOCATION L0000096 VOLUME 400454.792 3749853.172 20.98
LOCATION L0000097 VOLUME 400455.466 3749862.447 21.16
LOCATION L0000098 VOLUME 400455.402 3749872.446 21.34
LOCATION L0000099 VOLUME 400455.338 3749882.446 21.45
LOCATION L0000100 VOLUME 400455.275 3749892.446 21.30
LOCATION L0000101 VOLUME 400455.211 3749902.446 21.15
LOCATION L0000102 VOLUME 400455.147 3749912.446 21.00
LOCATION L0000103 VOLUME 400455.084 3749922.445 20.89
LOCATION L0000104 VOLUME 400455.020 3749932.445 20.78
LOCATION L0000105 VOLUME 400454.956 3749942.445 20.67
LOCATION L0000106 VOLUME 400454.892 3749952.445 20.64
LOCATION L0000107 VOLUME 400454.829 3749962.445 20.61
LOCATION L0000108 VOLUME 400454.765 3749972.444 20.58
LOCATION L0000109 VOLUME 400454.701 3749982.444 20.62
LOCATION L0000110 VOLUME 400454.638 3749992.444 20.67
LOCATION L0000111 VOLUME 400450.159 3749998.000 20.65
LOCATION L0000112 VOLUME 400440.159 3749998.000 20.59
LOCATION L0000113 VOLUME 400430.159 3749998.000 20.53
LOCATION L0000114 VOLUME 400420.159 3749998.000 20.57
LOCATION L0000115 VOLUME 400410.159 3749998.000 20.77
LOCATION L0000116 VOLUME 400400.159 3749998.000 20.98
LOCATION L0000117 VOLUME 400390.159 3749998.000 20.92
LOCATION L0000118 VOLUME 400380.159 3749998.000 20.82
LOCATION L0000119 VOLUME 400370.159 3749998.000 20.70

LOCATION L0000120 VOLUME 400360.159 3749998.000 20.56
LOCATION L0000121 VOLUME 400350.159 3749998.000 20.43
LOCATION L0000122 VOLUME 400340.159 3749998.000 20.44
LOCATION L0000123 VOLUME 400330.159 3749998.000 20.53
LOCATION L0000124 VOLUME 400320.387 3749997.770 20.61
LOCATION L0000125 VOLUME 400320.301 3749987.770 20.58
LOCATION L0000126 VOLUME 400320.215 3749977.771 20.54
LOCATION L0000127 VOLUME 400320.129 3749967.771 20.53
LOCATION L0000128 VOLUME 400320.042 3749957.772 20.55
LOCATION L0000129 VOLUME 400319.956 3749947.772 20.56
LOCATION L0000130 VOLUME 400319.870 3749937.772 20.57
LOCATION L0000131 VOLUME 400319.784 3749927.773 20.57
LOCATION L0000132 VOLUME 400319.698 3749917.773 20.58
LOCATION L0000133 VOLUME 400319.611 3749907.773 20.65
LOCATION L0000134 VOLUME 400319.525 3749897.774 20.80
LOCATION L0000135 VOLUME 400322.410 3749889.681 20.93
LOCATION L0000136 VOLUME 400331.538 3749885.596 21.07
LOCATION L0000137 VOLUME 400340.665 3749881.510 21.22
LOCATION L0000138 VOLUME 400349.792 3749877.425 21.33
LOCATION L0000139 VOLUME 400358.920 3749873.339 21.46
LOCATION L0000140 VOLUME 400368.062 3749869.322 21.58
LOCATION L0000141 VOLUME 400378.062 3749869.322 21.56
LOCATION L0000142 VOLUME 400388.062 3749869.322 21.45
LOCATION L0000143 VOLUME 400398.062 3749869.322 21.36
LOCATION L0000144 VOLUME 400408.062 3749869.322 21.32
LOCATION L0000145 VOLUME 400418.062 3749869.322 21.28
LOCATION L0000146 VOLUME 400428.062 3749869.322 21.28
LOCATION L0000147 VOLUME 400438.062 3749869.322 21.31
LOCATION L0000148 VOLUME 400441.199 3749876.157 21.48
LOCATION L0000149 VOLUME 400441.159 3749886.156 21.49
LOCATION L0000150 VOLUME 400441.118 3749896.156 21.33
LOCATION L0000151 VOLUME 400441.078 3749906.156 21.17
LOCATION L0000152 VOLUME 400441.037 3749916.156 21.00
LOCATION L0000153 VOLUME 400440.997 3749926.156 20.82
LOCATION L0000154 VOLUME 400440.957 3749936.156 20.65
LOCATION L0000155 VOLUME 400440.916 3749946.156 20.52
LOCATION L0000156 VOLUME 400440.876 3749956.156 20.48
LOCATION L0000157 VOLUME 400440.835 3749966.156 20.44
LOCATION L0000158 VOLUME 400440.795 3749976.156 20.44
LOCATION L0000159 VOLUME 400437.852 3749983.267 20.46
LOCATION L0000160 VOLUME 400427.852 3749983.356 20.38
LOCATION L0000161 VOLUME 400417.853 3749983.444 20.44
LOCATION L0000162 VOLUME 400407.853 3749983.533 20.59
LOCATION L0000163 VOLUME 400397.854 3749983.621 20.74
LOCATION L0000164 VOLUME 400387.854 3749983.710 20.62
LOCATION L0000165 VOLUME 400377.854 3749983.798 20.51
LOCATION L0000166 VOLUME 400367.855 3749983.887 20.42
LOCATION L0000167 VOLUME 400357.855 3749983.975 20.37
LOCATION L0000168 VOLUME 400347.856 3749984.064 20.32
LOCATION L0000169 VOLUME 400337.856 3749984.152 20.40

LOCATION L0000170 VOLUME 400336.532 3749975.488 20.37
LOCATION L0000171 VOLUME 400336.532 3749965.488 20.38
LOCATION L0000172 VOLUME 400336.532 3749955.488 20.39
LOCATION L0000173 VOLUME 400336.532 3749945.488 20.41
LOCATION L0000174 VOLUME 400336.532 3749935.488 20.46
LOCATION L0000175 VOLUME 400336.532 3749925.488 20.53
LOCATION L0000176 VOLUME 400336.532 3749915.488 20.59
LOCATION L0000177 VOLUME 400337.185 3749905.892 20.74
LOCATION L0000178 VOLUME 400346.130 3749901.420 20.86
LOCATION L0000179 VOLUME 400355.074 3749896.948 21.13
LOCATION L0000180 VOLUME 400364.018 3749892.476 21.37
LOCATION L0000181 VOLUME 400373.343 3749889.615 21.54
LOCATION L0000182 VOLUME 400383.343 3749889.615 21.57
LOCATION L0000183 VOLUME 400393.343 3749889.615 21.60
LOCATION L0000184 VOLUME 400403.343 3749889.615 21.55
LOCATION L0000185 VOLUME 400413.343 3749889.615 21.46
LOCATION L0000186 VOLUME 400423.343 3749889.615 21.38
LOCATION L0000187 VOLUME 400426.428 3749896.490 21.34
LOCATION L0000188 VOLUME 400426.369 3749906.490 21.27
LOCATION L0000189 VOLUME 400426.310 3749916.490 21.11
LOCATION L0000190 VOLUME 400426.251 3749926.489 20.87
LOCATION L0000191 VOLUME 400426.193 3749936.489 20.63
LOCATION L0000192 VOLUME 400426.134 3749946.489 20.46
LOCATION L0000193 VOLUME 400426.075 3749956.489 20.39
LOCATION L0000194 VOLUME 400426.016 3749966.489 20.31
LOCATION L0000195 VOLUME 400417.541 3749968.129 20.38
LOCATION L0000196 VOLUME 400407.542 3749968.255 20.54
LOCATION L0000197 VOLUME 400397.542 3749968.382 20.68
LOCATION L0000198 VOLUME 400387.543 3749968.509 20.51
LOCATION L0000199 VOLUME 400377.544 3749968.635 20.35
LOCATION L0000200 VOLUME 400367.545 3749968.762 20.26
LOCATION L0000201 VOLUME 400357.546 3749968.888 20.27
LOCATION L0000202 VOLUME 400353.135 3749963.355 20.29
LOCATION L0000203 VOLUME 400353.135 3749953.355 20.32
LOCATION L0000204 VOLUME 400353.135 3749943.355 20.35
LOCATION L0000205 VOLUME 400353.135 3749933.355 20.49
LOCATION L0000206 VOLUME 400353.135 3749923.355 20.64
LOCATION L0000207 VOLUME 400359.839 3749917.347 20.88
LOCATION L0000208 VOLUME 400368.631 3749912.584 21.19
LOCATION L0000209 VOLUME 400377.719 3749908.955 21.40
LOCATION L0000210 VOLUME 400387.719 3749908.827 21.54
LOCATION L0000211 VOLUME 400397.718 3749908.699 21.67
LOCATION L0000212 VOLUME 400407.717 3749908.570 21.52
LOCATION L0000213 VOLUME 400411.248 3749914.994 21.40
LOCATION L0000214 VOLUME 400411.248 3749924.994 21.22
LOCATION L0000215 VOLUME 400411.248 3749934.994 21.05
LOCATION L0000216 VOLUME 400411.248 3749944.994 20.88
LOCATION L0000217 VOLUME 400407.212 3749951.050 20.89
LOCATION L0000218 VOLUME 400397.215 3749951.279 21.14
LOCATION L0000219 VOLUME 400387.218 3749951.509 20.83

```
   LOCATION L0000220     VOLUME   400377.220 3749951.739 20.52
   LOCATION L0000221     VOLUME   400371.220 3749947.980 20.39
   LOCATION L0000222     VOLUME   400371.470 3749937.983 20.55
   LOCATION L0000223     VOLUME   400375.894 3749930.100 20.89
   LOCATION L0000224     VOLUME   400384.354 3749925.590 21.22
   LOCATION L0000225     VOLUME   400394.354 3749925.590 21.48
   LOCATION L0000226     VOLUME   400397.195 3749932.529 21.48
   LOCATION L0000227     VOLUME   400394.775 3749940.349 21.32
** End of LINE VOLUME Source ID = SLINE1
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000001     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000002     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000003     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000004     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000005     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000006     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000007     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000008     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000009     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000010     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000011     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000012     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000013     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000014     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000015     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000016     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000017     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000018     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000019     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000020     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000021     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000022     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000023     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000024     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000025     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000026     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000027     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000028     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000029     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000030     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000031     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000032     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000033     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000034     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000035     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000036     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000037     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000038     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000039     0.0044052863      5.00      4.65      4.65
```

```
SRCPARAM L0000040     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000041     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000042     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000043     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000044     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000045     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000046     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000047     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000048     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000049     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000050     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000051     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000052     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000053     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000054     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000055     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000056     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000057     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000058     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000059     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000060     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000061     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000062     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000063     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000064     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000065     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000066     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000067     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000068     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000069     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000070     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000071     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000072     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000073     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000074     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000075     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000076     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000077     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000078     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000079     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000080     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000081     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000082     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000083     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000084     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000085     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000086     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000087     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000088     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000089     0.0044052863      5.00      4.65      4.65
```

```
SRCPARAM L0000090     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000091     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000092     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000093     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000094     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000095     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000096     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000097     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000098     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000099     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000100     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000101     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000102     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000103     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000104     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000105     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000106     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000107     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000108     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000109     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000110     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000111     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000112     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000113     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000114     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000115     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000116     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000117     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000118     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000119     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000120     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000121     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000122     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000123     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000124     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000125     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000126     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000127     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000128     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000129     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000130     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000131     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000132     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000133     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000134     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000135     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000136     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000137     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000138     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000139     0.0044052863      5.00      4.65      4.65
```

```
SRCPARAM L0000140     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000141     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000142     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000143     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000144     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000145     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000146     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000147     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000148     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000149     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000150     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000151     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000152     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000153     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000154     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000155     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000156     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000157     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000158     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000159     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000160     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000161     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000162     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000163     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000164     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000165     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000166     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000167     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000168     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000169     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000170     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000171     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000172     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000173     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000174     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000175     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000176     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000177     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000178     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000179     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000180     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000181     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000182     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000183     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000184     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000185     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000186     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000187     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000188     0.0044052863      5.00      4.65      4.65
SRCPARAM L0000189     0.0044052863      5.00      4.65      4.65
```

```
   SRCPARAM L0000190     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000191     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000192     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000193     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000194     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000195     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000196     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000197     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000198     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000199     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000200     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000201     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000202     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000203     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000204     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000205     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000206     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000207     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000208     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000209     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000210     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000211     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000212     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000213     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000214     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000215     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000216     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000217     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000218     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000219     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000220     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000221     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000222     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000223     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000224     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000225     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000226     0.0044052863      5.00      4.65      4.65
   SRCPARAM L0000227     0.0044052863      5.00      4.65      4.65
** ------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Season / Hour / Seven Days (SHRDOW7)"
** Variable Emission Scenario: "Scenario 1"
** Season = Winter;  Day of Week = Monday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000001     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000002     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000003     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000004     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000005     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000006     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000007     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000008     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000009     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000010     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000036     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000069     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000070     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000071     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000072     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000073     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000074     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000075     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000076     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000077     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000078     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000079     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000080     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000081     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000082     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000083     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000084     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000085     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000086     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000087     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000088     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000089     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000090     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000091     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000092     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000093     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000094     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000095     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000096     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000097     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000098     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000099     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000100     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000101     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000102     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000103     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000104     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000105     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000106     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000107     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000108     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000109     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000110     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000111     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000112     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000113     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000114     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000115     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000116     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000117     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000118     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000119     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000120     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000121     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000122     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000123     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000164     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000165     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000166     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000167     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000168     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000169     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000170     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000171     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000172     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000173     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000174     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000175     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000176     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000177     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000178     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000179     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000180     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000181     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000182     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000183     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000184     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000185     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000186     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000187     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000188     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000189     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000190     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000191     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000192     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000193     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000194     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000195     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000196     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000197     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000198     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000199     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000200     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000201     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000202     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000203     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000204     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000205     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000206     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000207     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000208     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000209     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000210     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000211     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000212     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000213     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000214     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000215     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000216     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000217     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000218     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000219     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000220     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000221     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000222     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000223     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000224     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000225     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000226     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000227     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Monday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000001     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000002     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000003     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000004     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000005     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000006     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000007     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000008     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000009     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000010     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000042     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000069     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000070     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000071     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000072     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000073     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000074     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000075     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000076     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000077     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000078     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000079     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000080     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000081     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000082     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000083     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000084     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000085     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000086     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000087     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000088     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000089     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000090     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000091     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000092     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000093     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000094     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000095     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000096     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000097     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000098     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000099     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000100     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000101     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000102     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000103     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000104     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000105     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000106     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000107     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000108     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000109     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000110     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000111     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000112     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000113     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000114     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000115     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000116     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000117     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000118     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000119     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000120     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000121     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000122     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000123     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000164     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000165     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000166     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000167     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000168     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000169     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000170     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000171     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000172     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000173     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000174     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000175     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000176     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000177     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000178     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000179     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000180     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000181     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000182     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000183     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000184     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000185     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000186     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000187     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000188     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000189     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000190     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000191     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000192     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000193     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000194     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000195     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000196     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000197     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000198     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000199     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000200     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000201     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000202     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000203     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000204     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000205     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000206     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000207     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000208     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000209     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000210     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000211     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000212     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000213     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000214     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000215     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000216     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000217     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000218     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000219     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000220     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000221     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000222     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000223     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000224     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000225     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000226     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000227     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Monday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000001     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000002     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000003     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000004     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000005     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000006     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000007     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000008     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000009     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000010     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000011     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000012     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000013     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000014     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000048     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000069     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000070     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000071     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000072     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000073     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000074     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000075     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000076     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000077     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000078     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000079     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000080     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000081     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000082     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000083     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000084     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000085     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000086     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000087     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000088     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000089     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000090     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000091     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000092     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000093     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000094     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000095     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000096     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000097     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000098     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000099     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000100     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000101     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000102     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000103     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000104     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000105     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000106     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000107     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000108     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000109     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000110     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000111     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000112     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000113     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000114     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000115     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000116     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000117     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000118     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000119     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000120     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000121     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000122     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000123     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000164     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000165     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000166     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000167     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000168     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000169     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000170     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000171     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000172     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000173     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000174     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000175     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000176     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000177     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000178     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000179     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000180     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000181     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000182     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000183     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000184     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000185     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000186     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000187     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000188     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000189     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000190     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000191     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000192     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000193     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000194     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000195     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000196     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000197     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000198     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000199     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000200     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000201     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000202     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000203     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000204     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000205     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000206     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000207     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000208     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000209     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000210     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000211     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000212     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000213     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000214     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000215     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000216     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000217     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000218     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000219     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000220     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000221     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000222     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000223     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000224     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000225     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000226     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000227     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Monday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000001     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000002     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000003     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000004     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000005     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000006     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000007     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000008     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000009     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000010     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000054     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000069     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000070     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000071     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000072     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000073     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000074     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000075     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000076     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000077     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000078     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000079     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000080     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000081     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000082     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000083     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000084     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000085     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000086     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000087     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000088     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000089     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000090     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000091     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000092     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000093     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000094     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000095     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000096     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000097     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000098     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000099     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000100     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000101     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000102     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000103     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000104     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000105     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000106     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000107     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000108     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000109     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000110     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000111     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000112     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000113     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000114     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000115     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000116     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000117     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000118     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000119     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000120     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000121     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000122     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000123     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000164     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000165     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000166     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000167     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000168     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000169     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000170     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000171     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000172     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000173     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000174     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000175     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000176     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000177     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000178     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000179     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000180     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000181     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000182     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000183     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000184     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000185     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000186     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000187     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000188     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000189     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000190     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000191     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000192     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000193     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000194     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000195     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000196     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000197     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000198     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000199     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000200     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000201     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000202     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000203     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000204     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000205     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000206     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000207     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000208     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000209     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000210     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000211     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000212     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000213     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000214     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000215     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000216     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000217     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000218     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000219     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000220     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000221     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000222     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000223     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000224     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000225     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000226     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000227     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Tuesday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000001     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000002     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000003     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000004     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000005     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000006     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000007     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000008     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000009     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000010     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000060     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000069     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000070     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000071     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000072     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000073     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000074     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000075     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000076     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000077     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000078     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000079     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000080     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000081     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000082     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000083     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000084     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000085     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000086     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000087     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000088     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000089     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000090     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000091     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000092     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000093     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000094     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000095     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000096     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000097     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000098     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000099     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000100     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000101     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000102     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000103     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000104     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000105     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000106     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000107     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000108     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000109     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000110     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000111     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000112     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000113     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000114     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000115     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000116     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000117     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000118     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000119     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000120     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000121     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000122     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000123     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000164     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000165     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000166     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000167     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000168     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000169     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000170     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000171     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000172     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000173     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000174     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000175     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000176     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000177     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000178     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000179     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000180     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000181     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000182     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000183     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000184     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000185     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000186     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000187     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000188     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000189     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000190     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000191     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000192     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000193     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000194     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000195     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000196     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000197     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000198     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000199     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000200     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000201     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000202     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000203     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000204     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000205     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000206     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000207     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000208     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000209     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000210     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000211     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000212     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000213     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000214     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000215     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000216     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000217     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000218     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000219     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000220     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000221     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000222     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000223     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000224     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000225     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000226     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000227     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Tuesday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000001     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000002     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000003     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000004     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000005     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000006     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000007     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000008     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000009     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000010     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000011     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000012     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000013     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000014     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000015     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000016     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000066     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000069     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000070     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000071     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000072     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000073     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000074     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000075     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000076     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000077     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000078     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000079     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000080     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000081     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000082     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000083     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000084     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000085     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000086     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000087     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000088     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000089     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000090     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000091     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000092     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000093     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000094     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000095     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000096     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000097     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000098     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000099     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000100     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000101     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000102     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000103     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000104     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000105     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000106     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000107     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000108     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000109     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000110     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000111     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000112     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000113     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000114     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000115     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000116     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000117     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000118     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000119     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000120     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000121     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000122     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000123     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000164     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000165     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000166     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000167     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000168     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000169     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000170     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000171     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000172     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000173     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000174     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000175     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000176     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000177     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000178     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000179     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000180     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000181     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000182     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000183     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000184     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000185     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000186     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000187     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000188     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000189     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000190     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000191     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000192     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000193     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000194     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000195     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000196     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000197     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000198     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000199     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000200     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000201     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000202     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000203     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000204     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000205     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000206     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000207     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000208     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000209     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000210     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000211     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000212     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000213     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000214     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000215     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
   EMISFACT L0000216     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000217     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000218     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000219     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000220     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000221     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000222     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000223     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000224     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000225     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000226     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000227     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Tuesday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000001     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000002     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000003     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000004     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000005     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000006     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000007     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000008     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000009     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000010     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000022     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000069     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000070     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000071     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000072     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000073     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000074     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000075     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000076     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000077     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000078     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000079     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000080     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000081     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000082     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000083     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000084     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000085     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000086     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000087     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000088     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000089     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000090     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000091     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000092     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000093     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000094     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000095     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000096     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000097     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000098     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000099     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000100     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000101     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000102     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000103     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000104     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000105     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000106     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000107     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000108     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000109     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000110     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000111     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000112     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000113     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000114     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000115     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000116     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000117     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000118     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000119     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000120     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000121     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000122     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000123     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000164     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000165     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000166     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000167     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000168     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000169     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000170     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000171     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000172     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000173     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000174     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000175     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000176     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000177     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000178     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000179     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000180     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000181     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000182     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000183     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000184     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000185     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000186     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000187     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000188     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000189     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000190     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000191     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000192     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000193     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000194     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000195     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000196     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000197     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000198     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000199     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000200     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000201     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000202     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000203     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000204     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000205     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000206     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000207     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000208     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000209     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000210     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000211     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000212     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000213     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000214     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000215     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000216     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000217     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000218     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000219     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000220     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000221     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
   EMISFACT L0000222     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000223     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000224     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000225     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000226     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000227     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Tuesday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000001     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000002     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000003     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000004     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000005     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000006     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000007     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000008     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000009     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000010     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000011     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000028     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000069     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000070     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000071     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000072     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000073     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000074     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000075     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000076     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000077     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000078     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000079     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000080     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000081     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000082     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000083     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000084     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000085     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000086     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000087     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000088     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000089     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000090     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000091     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000092     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000093     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000094     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000095     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000096     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000097     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000098     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000099     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000100     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000101     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000102     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000103     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000104     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000105     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000106     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000107     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000108     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000109     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000110     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000111     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000112     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000113     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000114     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000115     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000116     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000117     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000118     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000119     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000120     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000121     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000122     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000123     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000164     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000165     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000166     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000167     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000168     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000169     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000170     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000171     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000172     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000173     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000174     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000175     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000176     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000177     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000178     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000179     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000180     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000181     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000182     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000183     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000184     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000185     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000186     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000187     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000188     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000189     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000190     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000191     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000192     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000193     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000194     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000195     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000196     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000197     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000198     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000199     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000200     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000201     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000202     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000203     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000204     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000205     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000206     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000207     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000208     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000209     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000210     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000211     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
   EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000212     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000213     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000214     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000215     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000216     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000217     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000218     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000219     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000220     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000221     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000222     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000223     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000224     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000225     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000226     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000227     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Wednesday
```

```
EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000001     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000002     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000003     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000004     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000005     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000006     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000007     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000008     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000009     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000010     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000034     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000069     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000070     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000071     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000072     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000073     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000074     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000075     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000076     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000077     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000078     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000079     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000080     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000081     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000082     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000083     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000084     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000085     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000086     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000087     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000088     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000089     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000090     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000091     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000092     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000093     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000094     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000095     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000096     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000097     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000098     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000099     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000100     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000101     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000102     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000103     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000104     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000105     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000106     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000107     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000108     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000109     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000110     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000111     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000112     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000113     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000114     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000115     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000116     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000117     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000118     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000119     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000120     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000121     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000122     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000123     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000164     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000165     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000166     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000167     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000168     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000169     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000170     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000171     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000172     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000173     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000174     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000175     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000176     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000177     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000178     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000179     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000180     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000181     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000182     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000183     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000184     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000185     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000186     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000187     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000188     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000189     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000190     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000191     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000192     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000193     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000194     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000195     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000196     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000197     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000198     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000199     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000200     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000201     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000202     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000203     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000204     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000205     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000206     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000207     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000208     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000209     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000210     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000211     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000212     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000213     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000214     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000215     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000216     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000217     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000218     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000219     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000220     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000221     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000222     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000223     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000224     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000225     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000226     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000227     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Wednesday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000001     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000002     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000003     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000004     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000005     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000006     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000007     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000008     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000009     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000010     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000040     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000069     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000070     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000071     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000072     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000073     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000074     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000075     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000076     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000077     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000078     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000079     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000080     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000081     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000082     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000083     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000084     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000085     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000086     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000087     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000088     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000089     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000090     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000091     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000092     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000093     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000094     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000095     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000096     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000097     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000098     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000099     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000100     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000101     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000102     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000103     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000104     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000105     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000106     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000107     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000108     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000109     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000110     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000111     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000112     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000113     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000114     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000115     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000116     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000117     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000118     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000119     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000120     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000121     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000122     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000123     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000164     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000165     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000166     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000167     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000168     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000169     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000170     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000171     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000172     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000173     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000174     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000175     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000176     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000177     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000178     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000179     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000180     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000181     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000182     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000183     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000184     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000185     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000186     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000187     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000188     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000189     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000190     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000191     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000192     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000193     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000194     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000195     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000196     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000197     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000198     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000199     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000200     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000201     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000202     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000203     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000204     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000205     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000206     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000207     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000208     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000209     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000210     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000211     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000212     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000213     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000214     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000215     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000216     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000217     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000218     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000219     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000220     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000221     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000222     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000223     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000224     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000225     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000226     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000227     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Wednesday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000001     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000002     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000003     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000004     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000005     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000006     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000007     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000008     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000009     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000010     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000011     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000012     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000046     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000069     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000070     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000071     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000072     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000073     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000074     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000075     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000076     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000077     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000078     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000079     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000080     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000081     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000082     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000083     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000084     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000085     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000086     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000087     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000088     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000089     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000090     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000091     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000092     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000093     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000094     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000095     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000096     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000097     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000098     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000099     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000100     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000101     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000102     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000103     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000104     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000105     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000106     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000107     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000108     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000109     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000110     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000111     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000112     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000113     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000114     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000115     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000116     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000117     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000118     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000119     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000120     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000121     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000122     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000123     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000164     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000165     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000166     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000167     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000168     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000169     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000170     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000171     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000172     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000173     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000174     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000175     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000176     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000177     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000178     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000179     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000180     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000181     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000182     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000183     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000184     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000185     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000186     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000187     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000188     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000189     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000190     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000191     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000192     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000193     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000194     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000195     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000196     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000197     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000198     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000199     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000200     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000201     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000202     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000203     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000204     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000205     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000206     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000207     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000208     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000209     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000210     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000211     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000212     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000213     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000214     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000215     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000216     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000217     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000218     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000219     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000220     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000221     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000222     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000223     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000224     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000225     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000226     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000227     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Wednesday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000001     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000002     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000003     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000004     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000005     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000006     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000007     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000008     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000009     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000010     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000052     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000069     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000070     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000071     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000072     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000073     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000074     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000075     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000076     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000077     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000078     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000079     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000080     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000081     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000082     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000083     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000084     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000085     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000086     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000087     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000088     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000089     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000090     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000091     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000092     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000093     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000094     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000095     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000096     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000097     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000098     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000099     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000100     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000101     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000102     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000103     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000104     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000105     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000106     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000107     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000108     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000109     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000110     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000111     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000112     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000113     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000114     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000115     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000116     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000117     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000118     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000119     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000120     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000121     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000122     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000123     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000164     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000165     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000166     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000167     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000168     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000169     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000170     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000171     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000172     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000173     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000174     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000175     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000176     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000177     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000178     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000179     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000180     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000181     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000182     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000183     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000184     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000185     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000186     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000187     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000188     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000189     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000190     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000191     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000192     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000193     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000194     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000195     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000196     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000197     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000198     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000199     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000200     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000201     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000202     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000203     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000204     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000205     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000206     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000207     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000208     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000209     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000210     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000211     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000212     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000213     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000214     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000215     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000216     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000217     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000218     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000219     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000220     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000221     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000222     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000223     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000224     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000225     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000226     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000227     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Thursday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000001     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000002     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000003     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000004     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000005     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000006     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000007     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000008     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000009     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000010     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000058     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000069     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000070     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000071     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000072     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000073     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000074     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000075     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000076     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000077     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000078     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000079     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000080     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000081     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000082     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000083     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000084     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000085     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000086     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000087     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000088     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000089     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000090     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000091     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000092     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000093     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000094     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000095     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000096     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000097     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000098     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000099     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000100     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000101     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000102     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000103     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000104     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000105     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000106     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000107     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000108     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000109     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000110     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000111     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000112     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000113     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000114     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000115     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000116     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000117     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000118     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000119     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000120     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000121     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000122     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000123     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000164     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000165     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000166     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000167     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000168     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000169     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000170     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000171     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000172     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000173     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000174     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000175     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000176     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000177     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000178     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000179     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000180     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000181     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000182     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000183     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000184     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000185     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000186     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000187     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000188     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000189     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000190     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000191     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000192     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000193     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000194     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000195     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000196     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000197     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000198     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000199     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000200     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000201     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000202     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000203     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000204     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000205     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000206     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000207     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000208     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000209     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000210     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000211     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000212     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000213     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000214     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000215     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000216     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000217     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000218     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000219     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000220     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000221     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000222     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000223     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000224     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000225     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000226     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000227     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Thursday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000001     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000002     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000003     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000004     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000005     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000006     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000007     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000008     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000009     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000010     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000011     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000012     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000013     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000014     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000064     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000069     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000070     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000071     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000072     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000073     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000074     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000075     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000076     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000077     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000078     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000079     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000080     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000081     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000082     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000083     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000084     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000085     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000086     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000087     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000088     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000089     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000090     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000091     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000092     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000093     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000094     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000095     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000096     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000097     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000098     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000099     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000100     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000101     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000102     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000103     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000104     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000105     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000106     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000107     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000108     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000109     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000110     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000111     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000112     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000113     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000114     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000115     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000116     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000117     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000118     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000119     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000120     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000121     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000122     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000123     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000164     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000165     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000166     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000167     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000168     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000169     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000170     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000171     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000172     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000173     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000174     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000175     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000176     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000177     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000178     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000179     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000180     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000181     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000182     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000183     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000184     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000185     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000186     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000187     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000188     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000189     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000190     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000191     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000192     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000193     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000194     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000195     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000196     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000197     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000198     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000199     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000200     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000201     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000202     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000203     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000204     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000205     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000206     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000207     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000208     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000209     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000210     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000211     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000212     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000213     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
   EMISFACT L0000214     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000215     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000216     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000217     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000218     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000219     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000220     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000221     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000222     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000223     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000224     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000225     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000226     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000227     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Thursday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000001     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000002     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000003     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000004     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000005     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000006     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000007     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000008     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000009     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000010     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000020     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000069     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000070     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000071     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000072     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000073     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000074     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000075     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000076     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000077     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000078     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000079     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000080     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000081     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000082     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000083     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000084     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000085     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000086     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000087     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000088     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000089     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000090     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000091     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000092     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000093     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000094     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000095     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000096     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000097     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000098     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000099     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000100     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000101     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000102     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000103     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000104     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000105     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000106     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000107     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000108     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000109     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000110     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000111     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000112     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000113     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000114     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000115     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000116     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000117     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000118     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000119     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000120     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000121     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000122     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000123     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000164     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000165     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000166     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000167     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000168     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000169     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000170     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000171     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000172     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000173     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000174     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000175     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000176     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000177     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000178     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000179     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000180     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000181     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000182     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000183     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000184     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000185     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000186     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000187     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000188     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000189     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000190     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000191     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000192     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000193     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000194     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000195     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000196     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000197     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000198     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000199     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000200     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000201     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000202     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000203     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000204     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000205     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000206     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000207     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000208     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000209     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000210     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000211     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000212     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000213     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000214     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000215     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000216     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000217     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000218     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000219     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
   EMISFACT L0000220     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000221     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000222     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000223     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000224     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000225     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000226     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000227     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Thursday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000001     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000002     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000003     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000004     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000005     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000006     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000007     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000008     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000009     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000010     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000026     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000069     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000070     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000071     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000072     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000073     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000074     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000075     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000076     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000077     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000078     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000079     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000080     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000081     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000082     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000083     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000084     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000085     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000086     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000087     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000088     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000089     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000090     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000091     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000092     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000093     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000094     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000095     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000096     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000097     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000098     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000099     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000100     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000101     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000102     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000103     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000104     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000105     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000106     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000107     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000108     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000109     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000110     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000111     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000112     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000113     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000114     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000115     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000116     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000117     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000118     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000119     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000120     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000121     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000122     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000123     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000164     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000165     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000166     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000167     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000168     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000169     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000170     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000171     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000172     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000173     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000174     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000175     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000176     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000177     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000178     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000179     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000180     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000181     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000182     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000183     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000184     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000185     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000186     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000187     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000188     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000189     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000190     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000191     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000192     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000193     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000194     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000195     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000196     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000197     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000198     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000199     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000200     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000201     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000202     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000203     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000204     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000205     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000206     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000207     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000208     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000209     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000210     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000211     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000212     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000213     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000214     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000215     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000216     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000217     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000218     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000219     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000220     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000221     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000222     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000223     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000224     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000225     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
   EMISFACT L0000226     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000227     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Friday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000001     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000002     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000003     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000004     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000005     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000006     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000007     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000008     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000009     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000010     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000011     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000012     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000013     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000014     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000015     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000032     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000069     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000070     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000071     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000072     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000073     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000074     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000075     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000076     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000077     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000078     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000079     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000080     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000081     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000082     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000083     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000084     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000085     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000086     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000087     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000088     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000089     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000090     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000091     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000092     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000093     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000094     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000095     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000096     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000097     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000098     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000099     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000100     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000101     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000102     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000103     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000104     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000105     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000106     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000107     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000108     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000109     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000110     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000111     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000112     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000113     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000114     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000115     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000116     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000117     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000118     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000119     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000120     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000121     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000122     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000123     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000164     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000165     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000166     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000167     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000168     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000169     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000170     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000171     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000172     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000173     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000174     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000175     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000176     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000177     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000178     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000179     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000180     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000181     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000182     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000183     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000184     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000185     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000186     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000187     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000188     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000189     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000190     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000191     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000192     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000193     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000194     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000195     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000196     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000197     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000198     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000199     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000200     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000201     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000202     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000203     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000204     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000205     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000206     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000207     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000208     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000209     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000210     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000211     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000212     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000213     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000214     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000215     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
   EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000216     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000217     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000218     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000219     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000220     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000221     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000222     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000223     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000224     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000225     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000226     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000227     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Friday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000001     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000002     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000003     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000004     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000005     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000006     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000007     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000008     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000009     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000010     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000038     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000069     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000070     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000071     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000072     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000073     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000074     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000075     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000076     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000077     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000078     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000079     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000080     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000081     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000082     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000083     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000084     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000085     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000086     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000087     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000088     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000089     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000090     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000091     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000092     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000093     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000094     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000095     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000096     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000097     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000098     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000099     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000100     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000101     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000102     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000103     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000104     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000105     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000106     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000107     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000108     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000109     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000110     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000111     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000112     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000113     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000114     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000115     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000116     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000117     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000118     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000119     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000120     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000121     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000122     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000123     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000164     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000165     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000166     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000167     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000168     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000169     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000170     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000171     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000172     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000173     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000174     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000175     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000176     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000177     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000178     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000179     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000180     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000181     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000182     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000183     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000184     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000185     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000186     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000187     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000188     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000189     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000190     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000191     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000192     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000193     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000194     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000195     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000196     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000197     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000198     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000199     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000200     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000201     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000202     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000203     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000204     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000205     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000206     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000207     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000208     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000209     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000210     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000211     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000212     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000213     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000214     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000215     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000216     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000217     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000218     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000219     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000220     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000221     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000222     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000223     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000224     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000225     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000226     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000227     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Friday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000001     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000002     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000003     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000004     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000005     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000006     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000007     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000008     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000009     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000010     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000011     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000012     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000013     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000014     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000015     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000016     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000044     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000050     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000069     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000070     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000071     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000072     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000073     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000074     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000075     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000076     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000077     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000078     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000079     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000080     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000081     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000082     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000083     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000084     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000085     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000086     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000087     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000088     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000089     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000090     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000091     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000092     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000093     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000094     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000095     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000096     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000097     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000098     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000099     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000100     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000101     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000102     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000103     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000104     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000105     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000106     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000107     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000108     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000109     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000110     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000111     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000112     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000113     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000114     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000115     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000116     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000117     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000118     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000119     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000120     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000121     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000122     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000123     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000164     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000165     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000166     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000167     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000168     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000169     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000170     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000171     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000172     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000173     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000174     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000175     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000176     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000177     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000178     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000179     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000180     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000181     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000182     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000183     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000184     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000185     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000186     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000187     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000188     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000189     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000190     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000191     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000192     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000193     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000194     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000195     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000196     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000197     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000198     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000199     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000200     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000201     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000202     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000203     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000204     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000205     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000206     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000207     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000208     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000209     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000210     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000211     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000212     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000213     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000214     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000215     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000216     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000217     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000218     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000219     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000220     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000221     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000222     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000223     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000224     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000225     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000226     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000227     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Friday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000001     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000002     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000003     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000004     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000005     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000006     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000007     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000008     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000009     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000010     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000011     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000012     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000013     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000014     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000015     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000016     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000017     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000018     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000019     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000020     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000021     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000022     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000023     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000024     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000025     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000026     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000027     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000028     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000029     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000030     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000031     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000032     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000033     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000034     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000035     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000036     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000037     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000038     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000039     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000040     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000041     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000042     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000043     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000044     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000045     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000046     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000047     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000048     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000049     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000050     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000051     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000052     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000053     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000054     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000055     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000056     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000057     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000058     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000059     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000060     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000061     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000062     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000063     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000064     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000065     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000066     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000067     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000068     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000069     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000070     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000071     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000072     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000073     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000074     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000075     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000076     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000077     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000078     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000079     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000080     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000081     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000082     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000083     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000084     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000085     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000086     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000087     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000088     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000089     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000090     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000091     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000092     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000093     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000094     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000095     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000096     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000097     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000098     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000099     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000100     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000101     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000102     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000103     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000104     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000105     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000106     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000107     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000108     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000109     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000110     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000111     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000112     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000113     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000114     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000115     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000116     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000117     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000118     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000119     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000120     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000121     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000122     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000123     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000164     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000165     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000166     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000167     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000168     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000169     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000170     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000171     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000172     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000173     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000174     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000175     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000176     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000177     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000178     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000179     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000180     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000181     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000182     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000183     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
```

```
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000184     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000185     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000186     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000187     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000188     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000189     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000190     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000191     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000192     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000193     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000194     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000195     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000196     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000197     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000198     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000199     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
```

```
EMISFACT L0000200     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000201     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000202     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000203     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000204     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000205     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000206     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000207     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000208     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000209     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000210     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000211     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000212     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000213     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000214     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000215     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000216     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000217     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000218     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000219     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000220     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000221     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000222     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000223     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000224     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000225     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000226     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000227     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Saturday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Saturday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Saturday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Saturday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Sunday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Sunday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Sunday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Sunday
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000012     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000013     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000014     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000031     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000069     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000070     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000071     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000072     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000073     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000078     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000079     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000081     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000082     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000083     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000084     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000086     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000087     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000088     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000094     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000095     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000096     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000112     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000113     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000114     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000115     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000116     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000117     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000118     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000119     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000120     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000121     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000122     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000123     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000164     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000165     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000166     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000167     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000168     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000169     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000170     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000171     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000172     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000173     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000174     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000175     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000176     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000177     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000178     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000179     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000180     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000181     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000182     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000183     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000184     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000185     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000186     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000187     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000188     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000189     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000190     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000191     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000192     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000193     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000194     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000195     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000196     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000197     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000198     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000199     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000200     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000201     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000202     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000203     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000204     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000205     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000206     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000207     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000208     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000209     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000210     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000211     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000212     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000213     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000214     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000215     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000216     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000217     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000218     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000219     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000220     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000221     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000222     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000223     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000224     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000225     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000226     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000227     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "Hermosillo Park Construction.rou"
RE FINISHED
```

```
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE kful_sfc_pfl\KFUL_trimmed.sfc
   PROFFILE kful_sfc_pfl\KFUL_trimmed.PFL
   SURFDATA 3166 2017
   UAIRDATA 3190 2017
   PROFBASE 29.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "Hermosillo Park Construction.AD\01H1GALL.PLT" 31
   PLOTFILE PERIOD ALL "Hermosillo Park Construction.AD\PE00GALL.PLT" 32
   SUMMFILE "Hermosillo Park Construction.sum"
OU FINISHED


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

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

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


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


    ********   WARNING MESSAGES   ********
 ME W186   19661       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187   19661       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

```
 ***********************************

↑ *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                         ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***        11:03:40

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

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

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   227 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9818605.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

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

 **This Run Includes:    227 Source(s);      1 Source Group(s); and    1577
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    227 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
```

```
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


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

 **The AERMET Input Meteorological Data Version Date:  22112

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

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

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    29.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.9 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Hermosillo Park Construction.err

 **File for Summary of Results:   Hermosillo Park Construction.sum

 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                           ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                          ***        11:03:40

                                     PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
```

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000001	0	0.44053E-02	400293.1	3750010.5	21.1	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000002	0	0.44053E-02	400293.0	3750000.5	20.9	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000003	0	0.44053E-02	400292.9	3749990.5	20.9	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000004	0	0.44053E-02	400292.8	3749980.5	20.9	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000005	0	0.44053E-02	400292.7	3749970.5	20.9	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000006	0	0.44053E-02	400292.7	3749960.5	20.8	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000007	0	0.44053E-02	400292.6	3749950.5	20.8	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000008	0	0.44053E-02	400292.5	3749940.5	20.8	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000009	0	0.44053E-02	400292.4	3749930.5	20.8	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000010	0	0.44053E-02	400292.3	3749920.5	20.9	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000011	0	0.44053E-02	400292.2	3749910.5	20.9	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000012	0	0.44053E-02	400292.1	3749900.5	20.9	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000013	0	0.44053E-02	400292.0	3749890.5	20.9	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000014	0	0.44053E-02	400291.9	3749880.5	20.9	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000015	0	0.44053E-02	400291.9	3749870.6	20.7	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000016	0	0.44053E-02	400300.9	3749866.3	20.7	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000017	0	0.44053E-02	400310.0	3749861.9	20.7	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000018	0	0.44053E-02	400319.0	3749857.6	20.6	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000019	0	0.44053E-02	400328.0	3749853.2	20.7	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000020	0	0.44053E-02	400337.0	3749848.8	21.0	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000021	0	0.44053E-02	400346.0	3749844.5	21.1	5.00	4.65				

```
4.65     YES   SHRDOW7          NO
 L0000022         0   0.44053E-02  400355.0 3749840.1    21.1     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000023         0   0.44053E-02  400364.0 3749835.8    21.0     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000024         0   0.44053E-02  400373.8 3749835.2    21.0     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000025         0   0.44053E-02  400383.8 3749835.3    20.9     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000026         0   0.44053E-02  400393.8 3749835.3    20.8     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000027         0   0.44053E-02  400403.8 3749835.4    20.8     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000028         0   0.44053E-02  400413.8 3749835.4    20.8     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000029         0   0.44053E-02  400423.8 3749835.5    20.8     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000030         0   0.44053E-02  400433.8 3749835.5    20.7     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000031         0   0.44053E-02  400443.8 3749835.5    20.7     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000032         0   0.44053E-02  400453.8 3749835.6    20.8     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000033         0   0.44053E-02  400463.8 3749835.6    20.9     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000034         0   0.44053E-02  400468.9 3749840.6    21.0     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000035         0   0.44053E-02  400468.8 3749850.6    21.1     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000036         0   0.44053E-02  400468.7 3749860.6    21.1     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000037         0   0.44053E-02  400468.6 3749870.6    21.2     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000038         0   0.44053E-02  400468.5 3749880.6    21.2     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000039         0   0.44053E-02  400468.5 3749890.6    21.1     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000040         0   0.44053E-02  400468.4 3749900.6    21.1     5.00     4.65
4.65     YES   SHRDOW7          NO
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                           ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                           ***       11:03:40

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


                                                    *** VOLUME SOURCE DATA ***
```

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000041	0	0.44053E-02	400468.3	3749910.6	21.0	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000042	0	0.44053E-02	400468.2	3749920.6	21.0	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000043	0	0.44053E-02	400468.2	3749930.6	20.9	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000044	0	0.44053E-02	400468.1	3749940.6	20.9	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000045	0	0.44053E-02	400468.0	3749950.6	20.9	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000046	0	0.44053E-02	400467.9	3749960.6	20.8	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000047	0	0.44053E-02	400467.8	3749970.6	20.8	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000048	0	0.44053E-02	400467.8	3749980.6	20.8	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000049	0	0.44053E-02	400467.7	3749990.6	20.8	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000050	0	0.44053E-02	400467.6	3750000.6	20.8	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000051	0	0.44053E-02	400467.5	3750010.6	21.0	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000052	0	0.44053E-02	400458.3	3750011.4	20.9	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000053	0	0.44053E-02	400448.3	3750011.4	20.7	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000054	0	0.44053E-02	400438.3	3750011.4	20.8	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000055	0	0.44053E-02	400428.3	3750011.4	20.8	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000056	0	0.44053E-02	400418.3	3750011.4	20.9	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000057	0	0.44053E-02	400408.3	3750011.4	21.1	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000058	0	0.44053E-02	400398.3	3750011.4	21.2	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000059	0	0.44053E-02	400388.3	3750011.4	21.2	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000060	0	0.44053E-02	400378.3	3750011.4	21.1	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000061	0	0.44053E-02	400368.3	3750011.4	21.0	5.00	4.65				

```
4.65     YES   SHRDOW7          NO
 L0000062        0   0.44053E-02  400358.3 3750011.4    20.9     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000063        0   0.44053E-02  400348.3 3750011.4    20.8     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000064        0   0.44053E-02  400338.3 3750011.4    20.8     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000065        0   0.44053E-02  400328.3 3750011.4    20.9     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000066        0   0.44053E-02  400318.3 3750011.4    20.9     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000067        0   0.44053E-02  400308.3 3750011.4    21.0     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000068        0   0.44053E-02  400305.6 3750004.1    20.8     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000069        0   0.44053E-02  400305.5 3749994.1    20.8     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000070        0   0.44053E-02  400305.4 3749984.1    20.7     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000071        0   0.44053E-02  400305.4 3749974.1    20.7     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000072        0   0.44053E-02  400305.3 3749964.1    20.7     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000073        0   0.44053E-02  400305.2 3749954.1    20.7     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000074        0   0.44053E-02  400305.2 3749944.1    20.7     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000075        0   0.44053E-02  400305.1 3749934.1    20.7     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000076        0   0.44053E-02  400305.0 3749924.1    20.7     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000077        0   0.44053E-02  400304.9 3749914.1    20.7     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000078        0   0.44053E-02  400304.9 3749904.1    20.8     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000079        0   0.44053E-02  400304.8 3749894.1    20.9     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000080        0   0.44053E-02  400304.7 3749884.1    20.9     5.00     4.65
4.65     YES   SHRDOW7          NO
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***
```

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000081	0	0.44053E-02	400310.4	3749877.7	20.9	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000082	0	0.44053E-02	400319.5	3749873.5	20.9	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000083	0	0.44053E-02	400328.6	3749869.3	21.0	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000084	0	0.44053E-02	400337.6	3749865.1	21.1	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000085	0	0.44053E-02	400346.7	3749860.8	21.3	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000086	0	0.44053E-02	400355.8	3749856.6	21.4	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000087	0	0.44053E-02	400364.8	3749852.4	21.5	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000088	0	0.44053E-02	400374.8	3749852.4	21.5	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000089	0	0.44053E-02	400384.8	3749852.5	21.3	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000090	0	0.44053E-02	400394.8	3749852.6	21.1	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000091	0	0.44053E-02	400404.8	3749852.7	21.0	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000092	0	0.44053E-02	400414.8	3749852.8	21.0	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000093	0	0.44053E-02	400424.8	3749852.9	21.0	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000094	0	0.44053E-02	400434.8	3749853.0	21.0	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000095	0	0.44053E-02	400444.8	3749853.1	20.9	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000096	0	0.44053E-02	400454.8	3749853.2	21.0	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000097	0	0.44053E-02	400455.5	3749862.4	21.2	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000098	0	0.44053E-02	400455.4	3749872.4	21.3	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000099	0	0.44053E-02	400455.3	3749882.4	21.4	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000100	0	0.44053E-02	400455.3	3749892.4	21.3	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000101	0	0.44053E-02	400455.2	3749902.4	21.2	5.00	4.65				

```
4.65     YES   SHRDOW7          NO
 L0000102        0   0.44053E-02  400455.1 3749912.4    21.0     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000103        0   0.44053E-02  400455.1 3749922.4    20.9     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000104        0   0.44053E-02  400455.0 3749932.4    20.8     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000105        0   0.44053E-02  400455.0 3749942.4    20.7     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000106        0   0.44053E-02  400454.9 3749952.4    20.6     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000107        0   0.44053E-02  400454.8 3749962.4    20.6     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000108        0   0.44053E-02  400454.8 3749972.4    20.6     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000109        0   0.44053E-02  400454.7 3749982.4    20.6     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000110        0   0.44053E-02  400454.6 3749992.4    20.7     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000111        0   0.44053E-02  400450.2 3749998.0    20.7     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000112        0   0.44053E-02  400440.2 3749998.0    20.6     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000113        0   0.44053E-02  400430.2 3749998.0    20.5     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000114        0   0.44053E-02  400420.2 3749998.0    20.6     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000115        0   0.44053E-02  400410.2 3749998.0    20.8     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000116        0   0.44053E-02  400400.2 3749998.0    21.0     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000117        0   0.44053E-02  400390.2 3749998.0    20.9     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000118        0   0.44053E-02  400380.2 3749998.0    20.8     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000119        0   0.44053E-02  400370.2 3749998.0    20.7     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000120        0   0.44053E-02  400360.2 3749998.0    20.6     5.00     4.65
4.65     YES   SHRDOW7          NO
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                           ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                           ***       11:03:40

                                  PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
```

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000121	0	0.44053E-02	400350.2	3749998.0	20.4	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000122	0	0.44053E-02	400340.2	3749998.0	20.4	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000123	0	0.44053E-02	400330.2	3749998.0	20.5	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000124	0	0.44053E-02	400320.4	3749997.8	20.6	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000125	0	0.44053E-02	400320.3	3749987.8	20.6	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000126	0	0.44053E-02	400320.2	3749977.8	20.5	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000127	0	0.44053E-02	400320.1	3749967.8	20.5	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000128	0	0.44053E-02	400320.0	3749957.8	20.6	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000129	0	0.44053E-02	400320.0	3749947.8	20.6	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000130	0	0.44053E-02	400319.9	3749937.8	20.6	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000131	0	0.44053E-02	400319.8	3749927.8	20.6	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000132	0	0.44053E-02	400319.7	3749917.8	20.6	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000133	0	0.44053E-02	400319.6	3749907.8	20.7	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000134	0	0.44053E-02	400319.5	3749897.8	20.8	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000135	0	0.44053E-02	400322.4	3749889.7	20.9	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000136	0	0.44053E-02	400331.5	3749885.6	21.1	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000137	0	0.44053E-02	400340.7	3749881.5	21.2	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000138	0	0.44053E-02	400349.8	3749877.4	21.3	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000139	0	0.44053E-02	400358.9	3749873.3	21.5	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000140	0	0.44053E-02	400368.1	3749869.3	21.6	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000141	0	0.44053E-02	400378.1	3749869.3	21.6	5.00	4.65				

```
4.65     YES   SHRDOW7          NO
 L0000142        0   0.44053E-02  400388.1 3749869.3    21.4     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000143        0   0.44053E-02  400398.1 3749869.3    21.4     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000144        0   0.44053E-02  400408.1 3749869.3    21.3     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000145        0   0.44053E-02  400418.1 3749869.3    21.3     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000146        0   0.44053E-02  400428.1 3749869.3    21.3     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000147        0   0.44053E-02  400438.1 3749869.3    21.3     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000148        0   0.44053E-02  400441.2 3749876.2    21.5     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000149        0   0.44053E-02  400441.2 3749886.2    21.5     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000150        0   0.44053E-02  400441.1 3749896.2    21.3     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000151        0   0.44053E-02  400441.1 3749906.2    21.2     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000152        0   0.44053E-02  400441.0 3749916.2    21.0     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000153        0   0.44053E-02  400441.0 3749926.2    20.8     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000154        0   0.44053E-02  400441.0 3749936.2    20.7     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000155        0   0.44053E-02  400440.9 3749946.2    20.5     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000156        0   0.44053E-02  400440.9 3749956.2    20.5     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000157        0   0.44053E-02  400440.8 3749966.2    20.4     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000158        0   0.44053E-02  400440.8 3749976.2    20.4     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000159        0   0.44053E-02  400437.9 3749983.3    20.5     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000160        0   0.44053E-02  400427.9 3749983.4    20.4     5.00     4.65
4.65     YES   SHRDOW7          NO
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                           ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                           ***       11:03:40

                                  PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***
```

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000161	0	0.44053E-02	400417.9	3749983.4	20.4	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000162	0	0.44053E-02	400407.9	3749983.5	20.6	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000163	0	0.44053E-02	400397.9	3749983.6	20.7	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000164	0	0.44053E-02	400387.9	3749983.7	20.6	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000165	0	0.44053E-02	400377.9	3749983.8	20.5	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000166	0	0.44053E-02	400367.9	3749983.9	20.4	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000167	0	0.44053E-02	400357.9	3749984.0	20.4	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000168	0	0.44053E-02	400347.9	3749984.1	20.3	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000169	0	0.44053E-02	400337.9	3749984.2	20.4	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000170	0	0.44053E-02	400336.5	3749975.5	20.4	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000171	0	0.44053E-02	400336.5	3749965.5	20.4	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000172	0	0.44053E-02	400336.5	3749955.5	20.4	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000173	0	0.44053E-02	400336.5	3749945.5	20.4	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000174	0	0.44053E-02	400336.5	3749935.5	20.5	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000175	0	0.44053E-02	400336.5	3749925.5	20.5	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000176	0	0.44053E-02	400336.5	3749915.5	20.6	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000177	0	0.44053E-02	400337.2	3749905.9	20.7	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000178	0	0.44053E-02	400346.1	3749901.4	20.9	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000179	0	0.44053E-02	400355.1	3749896.9	21.1	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000180	0	0.44053E-02	400364.0	3749892.5	21.4	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000181	0	0.44053E-02	400373.3	3749889.6	21.5	5.00	4.65				

```
4.65     YES   SHRDOW7          NO
 L0000182        0   0.44053E-02  400383.3 3749889.6    21.6     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000183        0   0.44053E-02  400393.3 3749889.6    21.6     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000184        0   0.44053E-02  400403.3 3749889.6    21.6     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000185        0   0.44053E-02  400413.3 3749889.6    21.5     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000186        0   0.44053E-02  400423.3 3749889.6    21.4     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000187        0   0.44053E-02  400426.4 3749896.5    21.3     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000188        0   0.44053E-02  400426.4 3749906.5    21.3     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000189        0   0.44053E-02  400426.3 3749916.5    21.1     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000190        0   0.44053E-02  400426.3 3749926.5    20.9     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000191        0   0.44053E-02  400426.2 3749936.5    20.6     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000192        0   0.44053E-02  400426.1 3749946.5    20.5     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000193        0   0.44053E-02  400426.1 3749956.5    20.4     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000194        0   0.44053E-02  400426.0 3749966.5    20.3     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000195        0   0.44053E-02  400417.5 3749968.1    20.4     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000196        0   0.44053E-02  400407.5 3749968.3    20.5     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000197        0   0.44053E-02  400397.5 3749968.4    20.7     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000198        0   0.44053E-02  400387.5 3749968.5    20.5     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000199        0   0.44053E-02  400377.5 3749968.6    20.4     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000200        0   0.44053E-02  400367.5 3749968.8    20.3     5.00     4.65
4.65     YES   SHRDOW7          NO
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***
```

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000201	0	0.44053E-02	400357.5	3749968.9	20.3	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000202	0	0.44053E-02	400353.1	3749963.4	20.3	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000203	0	0.44053E-02	400353.1	3749953.4	20.3	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000204	0	0.44053E-02	400353.1	3749943.4	20.4	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000205	0	0.44053E-02	400353.1	3749933.4	20.5	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000206	0	0.44053E-02	400353.1	3749923.4	20.6	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000207	0	0.44053E-02	400359.8	3749917.3	20.9	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000208	0	0.44053E-02	400368.6	3749912.6	21.2	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000209	0	0.44053E-02	400377.7	3749909.0	21.4	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000210	0	0.44053E-02	400387.7	3749908.8	21.5	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000211	0	0.44053E-02	400397.7	3749908.7	21.7	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000212	0	0.44053E-02	400407.7	3749908.6	21.5	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000213	0	0.44053E-02	400411.2	3749915.0	21.4	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000214	0	0.44053E-02	400411.2	3749925.0	21.2	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000215	0	0.44053E-02	400411.2	3749935.0	21.1	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000216	0	0.44053E-02	400411.2	3749945.0	20.9	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000217	0	0.44053E-02	400407.2	3749951.0	20.9	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000218	0	0.44053E-02	400397.2	3749951.3	21.1	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000219	0	0.44053E-02	400387.2	3749951.5	20.8	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000220	0	0.44053E-02	400377.2	3749951.7	20.5	5.00	4.65	4.65	YES	SHRDOW7	NO
L0000221	0	0.44053E-02	400371.2	3749948.0	20.4	5.00	4.65				

```
4.65     YES   SHRDOW7          NO
 L0000222         0   0.44053E-02  400371.5 3749938.0    20.6     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000223         0   0.44053E-02  400375.9 3749930.1    20.9     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000224         0   0.44053E-02  400384.4 3749925.6    21.2     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000225         0   0.44053E-02  400394.4 3749925.6    21.5     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000226         0   0.44053E-02  400397.2 3749932.5    21.5     5.00     4.65
4.65     YES   SHRDOW7          NO
 L0000227         0   0.44053E-02  400394.8 3749940.3    21.3     5.00     4.65
4.65     YES   SHRDOW7          NO
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                           ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                           ***       11:03:40

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


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                    SOURCE IDs
 -----------                                                    ----------


  ALL         L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    ,

              L0000009    , L0000010    , L0000011    , L0000012    , L0000013    ,
L0000014    , L0000015    , L0000016    ,

              L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    ,

              L0000025    , L0000026    , L0000027    , L0000028    , L0000029    ,
L0000030    , L0000031    , L0000032    ,

              L0000033    , L0000034    , L0000035    , L0000036    , L0000037    ,
L0000038    , L0000039    , L0000040    ,

              L0000041    , L0000042    , L0000043    , L0000044    , L0000045    ,
L0000046    , L0000047    , L0000048    ,

              L0000049    , L0000050    , L0000051    , L0000052    , L0000053    ,
L0000054    , L0000055    , L0000056    ,

              L0000057    , L0000058    , L0000059    , L0000060    , L0000061    ,
```

```
L0000062    , L0000063    , L0000064    ,

             L0000065    , L0000066    , L0000067    , L0000068    , L0000069    ,
L0000070    , L0000071    , L0000072    ,

             L0000073    , L0000074    , L0000075    , L0000076    , L0000077    ,
L0000078    , L0000079    , L0000080    ,

             L0000081    , L0000082    , L0000083    , L0000084    , L0000085    ,
L0000086    , L0000087    , L0000088    ,

             L0000089    , L0000090    , L0000091    , L0000092    , L0000093    ,
L0000094    , L0000095    , L0000096    ,

             L0000097    , L0000098    , L0000099    , L0000100    , L0000101    ,
L0000102    , L0000103    , L0000104    ,

             L0000105    , L0000106    , L0000107    , L0000108    , L0000109    ,
L0000110    , L0000111    , L0000112    ,

             L0000113    , L0000114    , L0000115    , L0000116    , L0000117    ,
L0000118    , L0000119    , L0000120    ,

             L0000121    , L0000122    , L0000123    , L0000124    , L0000125    ,
L0000126    , L0000127    , L0000128    ,

             L0000129    , L0000130    , L0000131    , L0000132    , L0000133    ,
L0000134    , L0000135    , L0000136    ,

             L0000137    , L0000138    , L0000139    , L0000140    , L0000141    ,
L0000142    , L0000143    , L0000144    ,

             L0000145    , L0000146    , L0000147    , L0000148    , L0000149    ,
L0000150    , L0000151    , L0000152    ,

             L0000153    , L0000154    , L0000155    , L0000156    , L0000157    ,
L0000158    , L0000159    , L0000160    ,
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
 -----------   ----------

L0000161 , L0000162 , L0000163 , L0000164 , L0000165 ,
L0000166 , L0000167 , L0000168 ,

L0000169 , L0000170 , L0000171 , L0000172 , L0000173 ,
L0000174 , L0000175 , L0000176 ,

L0000177 , L0000178 , L0000179 , L0000180 , L0000181 ,
L0000182 , L0000183 , L0000184 ,

L0000185 , L0000186 , L0000187 , L0000188 , L0000189 ,
L0000190 , L0000191 , L0000192 ,

L0000193 , L0000194 , L0000195 , L0000196 , L0000197 ,
L0000198 , L0000199 , L0000200 ,

L0000201 , L0000202 , L0000203 , L0000204 , L0000205 ,
L0000206 , L0000207 , L0000208 ,

L0000209 , L0000210 , L0000211 , L0000212 , L0000213 ,
L0000214 , L0000215 , L0000216 ,

L0000217 , L0000218 , L0000219 , L0000220 , L0000221 ,
L0000222 , L0000223 , L0000224 ,

L0000225 , L0000226 , L0000227 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
	9818605.	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
		L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,

```
             L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    ,

             L0000025    , L0000026    , L0000027    , L0000028    , L0000029    ,
L0000030    , L0000031    , L0000032    ,

             L0000033    , L0000034    , L0000035    , L0000036    , L0000037    ,
L0000038    , L0000039    , L0000040    ,

             L0000041    , L0000042    , L0000043    , L0000044    , L0000045    ,
L0000046    , L0000047    , L0000048    ,

             L0000049    , L0000050    , L0000051    , L0000052    , L0000053    ,
L0000054    , L0000055    , L0000056    ,

             L0000057    , L0000058    , L0000059    , L0000060    , L0000061    ,
L0000062    , L0000063    , L0000064    ,

             L0000065    , L0000066    , L0000067    , L0000068    , L0000069    ,
L0000070    , L0000071    , L0000072    ,

             L0000073    , L0000074    , L0000075    , L0000076    , L0000077    ,
L0000078    , L0000079    , L0000080    ,

             L0000081    , L0000082    , L0000083    , L0000084    , L0000085    ,
L0000086    , L0000087    , L0000088    ,

             L0000089    , L0000090    , L0000091    , L0000092    , L0000093    ,
L0000094    , L0000095    , L0000096    ,

             L0000097    , L0000098    , L0000099    , L0000100    , L0000101    ,
L0000102    , L0000103    , L0000104    ,

             L0000105    , L0000106    , L0000107    , L0000108    , L0000109    ,
L0000110    , L0000111    , L0000112    ,

             L0000113    , L0000114    , L0000115    , L0000116    , L0000117    ,
L0000118    , L0000119    , L0000120    ,

             L0000121    , L0000122    , L0000123    , L0000124    , L0000125    ,
L0000126    , L0000127    , L0000128    ,

             L0000129    , L0000130    , L0000131    , L0000132    , L0000133    ,
L0000134    , L0000135    , L0000136    ,

             L0000137    , L0000138    , L0000139    , L0000140    , L0000141    ,
L0000142    , L0000143    , L0000144    ,

             L0000145    , L0000146    , L0000147    , L0000148    , L0000149    ,
L0000150    , L0000151    , L0000152    ,
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0000161 , L0000162 , L0000163 , L0000164 , L0000165 ,
L0000166 , L0000167 , L0000168 ,

L0000169 , L0000170 , L0000171 , L0000172 , L0000173 ,
L0000174 , L0000175 , L0000176 ,

L0000177 , L0000178 , L0000179 , L0000180 , L0000181 ,
L0000182 , L0000183 , L0000184 ,

L0000185 , L0000186 , L0000187 , L0000188 , L0000189 ,
L0000190 , L0000191 , L0000192 ,

L0000193 , L0000194 , L0000195 , L0000196 , L0000197 ,
L0000198 , L0000199 , L0000200 ,

L0000201 , L0000202 , L0000203 , L0000204 , L0000205 ,
L0000206 , L0000207 , L0000208 ,

L0000209 , L0000210 , L0000211 , L0000212 , L0000213 ,
L0000214 , L0000215 , L0000216 ,

L0000217 , L0000218 , L0000219 , L0000220 , L0000221 ,
L0000222 , L0000223 , L0000224 ,

L0000225 , L0000226 , L0000227 ,

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000001     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                        ***       11:03:40

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000002     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000003 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000004     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000005 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000006     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***       11:03:40

                                  PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000007     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000008 ; SOURCE TYPE = VOLUME :

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

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000009     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000010 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000011     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***       11:03:40

                                  PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000012     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000013 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000014     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000015 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000016     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                        ***       11:03:40

                                  PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000017     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000018 ; SOURCE TYPE = VOLUME :

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

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE  30
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000019     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000020   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                SEASON = WINTER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SPRING; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SUMMER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = FALL ; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000021     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

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



```
                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000022     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000023 ; SOURCE TYPE = VOLUME :

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

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                           ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                           ***       11:03:40

                                    PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000024     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000025 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000026     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE  38
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000027     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000028 ; SOURCE TYPE = VOLUME :

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

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000029     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000030 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000031     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***       02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000032     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000033 ; SOURCE TYPE = VOLUME :

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

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000034     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000035 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000036     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000037     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000038 ; SOURCE TYPE = VOLUME :

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

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000039     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000040 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000041     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000042     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000043 ; SOURCE TYPE = VOLUME :

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

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000044     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000045 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000046     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                        ***       11:03:40

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000047     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000048 ; SOURCE TYPE = VOLUME :

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

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE  60
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000049     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000050 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000051     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***       11:03:40

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

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000052     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000053 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000054     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000055 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

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

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

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000056     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***       11:03:40

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

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000057     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000058 ; SOURCE TYPE = VOLUME :

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

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***        11:03:40

                                   PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000059     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000060 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000061     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***       02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000062     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000063 ; SOURCE TYPE = VOLUME :

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

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE  75
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000064     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000065   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                SEASON = WINTER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SPRING; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SUMMER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = FALL ; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

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

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

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000066     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***       11:03:40

                                  PAGE  78
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000067     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000068 ; SOURCE TYPE = VOLUME :

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

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE  80
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000069     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000070 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000071     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                        ***       11:03:40

                                  PAGE  83
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000072     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000073 ; SOURCE TYPE = VOLUME :

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

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE  85
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000074     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000075 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000076     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***       11:03:40

                                  PAGE  88
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000077     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000078 ; SOURCE TYPE = VOLUME :

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

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE  90
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000079     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000080 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000081     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***       11:03:40

                                  PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000082     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000083 ; SOURCE TYPE = VOLUME :

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

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000084     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000085 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000086     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000087     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000088 ; SOURCE TYPE = VOLUME :

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

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE 100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000089     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000090 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000091     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000092     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000093 ; SOURCE TYPE = VOLUME :

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

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                           ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                           ***       11:03:40

                                    PAGE 105
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000094     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000095 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40
```

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000096     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***       11:03:40

                                  PAGE 108
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000097     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000098 ; SOURCE TYPE = VOLUME :

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

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE 110
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000099     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000100   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                SEASON = WINTER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SPRING; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SUMMER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = FALL ; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000101     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

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

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

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000102     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000103 ; SOURCE TYPE = VOLUME :

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

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***        11:03:40

                                   PAGE 115
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000104     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000105   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                SEASON = WINTER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SPRING; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SUMMER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = FALL ; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000106     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000107     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000108 ; SOURCE TYPE = VOLUME :

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

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE 120
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000109     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000110 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000111     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

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



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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000112     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000113 ; SOURCE TYPE = VOLUME :

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

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                           ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                           ***       11:03:40

                                    PAGE 125
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000114     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000115 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000116     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

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

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

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

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

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000117     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000118 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

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

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

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

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE 130
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000119     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

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

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

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

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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000120 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

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

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000121     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000122     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000123 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***        11:03:40

                                   PAGE 135
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000124     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000125 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000126     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000127     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000128 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE 140
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000129     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000130   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                SEASON = WINTER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SPRING; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SUMMER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = FALL ; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000131     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000132     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000133 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE 145
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000134     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000135 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000136     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000137     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000138 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***        11:03:40

                                   PAGE 150
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000139     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000140 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000141     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000142     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000143 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***        11:03:40

                                   PAGE 155
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000144     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000145 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000146     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                         ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***       11:03:40

                                  PAGE 158
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000147     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000148 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE 160
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000149     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000150   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                SEASON = WINTER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SPRING; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SUMMER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = FALL ; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000151     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000152     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000153 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***        11:03:40

                                   PAGE 165
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000154     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000155 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000156     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000157     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000158 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***        11:03:40

                                   PAGE 170
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000159     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000160 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                         ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                        ***       11:03:40
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000161     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000162     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000163 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE 175
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000164     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000165   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                SEASON = WINTER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SPRING; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SUMMER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = FALL ; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000166     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000167     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000168 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                           ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                           ***       11:03:40

                                    PAGE 180
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000169     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000170 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000171     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000172     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000173 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE 185
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000174     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000175 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000176     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000177     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000178 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***        11:03:40

                                   PAGE 190
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000179     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000180   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                SEASON = WINTER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SPRING; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SUMMER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = FALL ; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000181     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000182     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000183 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE 195
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000184     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000185 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000186     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000187     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000188 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE 200
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000189     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000190 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000191     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000192     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000193 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***        11:03:40

                                   PAGE 205
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000194     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000195 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000196     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000197     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000198 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE 210
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000199     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000200 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000201     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000202     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000203 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE 215
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000204     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000205   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                SEASON = WINTER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SPRING; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SUMMER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = FALL ; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000206     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000207     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000208 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***        11:03:40

                                   PAGE 220
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000209     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000210   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                SEASON = WINTER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SPRING; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SUMMER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = FALL ; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000211     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000212     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000213 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                           ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                           ***       11:03:40

                                    PAGE 225
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000214     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000215 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000216     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                         ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***       11:03:40

                                  PAGE 228
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000217     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000218 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE 230
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000219     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000220   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                SEASON = WINTER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SPRING; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SUMMER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = FALL ; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000221     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000222     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000223 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE 235
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000224     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK = FRIDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000225   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                SEASON = WINTER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SPRING; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = SUMMER; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                SEASON = FALL ; DAY OF WEEK = MONDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK = FRIDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000226     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = MONDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
TUESDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
WEDNESDY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
SEASON = FALL ; DAY OF WEEK =
WEDNESDY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW7) *

 SOURCE ID = L0000227     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

SEASON = WINTER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = WINTER; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK =
TUESDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK =
TUESDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = FRIDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(400000.0, 3749506.4, 20.1, 20.1, 0.0); (400020.0, 3749506.4, 20.1, 20.1, 0.0);
(400040.0, 3749506.4, 20.1, 20.1, 0.0); (400060.0, 3749506.4, 20.1, 20.1, 0.0);
(400080.0, 3749506.4, 20.2, 20.2, 0.0); (400100.0, 3749506.4, 20.2, 20.2, 0.0);
(400120.0, 3749506.4, 20.0, 20.0, 0.0); (400140.0, 3749506.4, 20.0, 20.0, 0.0);
(400160.0, 3749506.4, 20.0, 20.0, 0.0); (400180.0, 3749506.4, 20.0, 20.0, 0.0);
(400200.0, 3749506.4, 19.9, 19.9, 0.0); (400220.0, 3749506.4, 19.9, 19.9, 0.0);
(400240.0, 3749506.4, 19.9, 19.9, 0.0); (400260.0, 3749506.4, 19.8, 19.8, 0.0);

```
     ( 400280.0, 3749506.4,      19.8,      19.8,       0.0);         ( 400300.0,
3749506.4,      19.9,      19.9,       0.0);
     ( 400320.0, 3749506.4,      19.9,      19.9,       0.0);         ( 400340.0,
3749506.4,      20.1,      20.1,       0.0);
     ( 400360.0, 3749506.4,      20.1,      20.1,       0.0);         ( 400380.0,
3749506.4,      19.9,      19.9,       0.0);
     ( 400400.0, 3749506.4,      19.8,      19.8,       0.0);         ( 400420.0,
3749506.4,      20.1,      20.1,       0.0);
     ( 400440.0, 3749506.4,      20.1,      20.1,       0.0);         ( 400460.0,
3749506.4,      20.0,      20.0,       0.0);
     ( 400480.0, 3749506.4,      20.0,      20.0,       0.0);         ( 400500.0,
3749506.4,      20.1,      20.1,       0.0);
     ( 400520.0, 3749506.4,      20.0,      20.0,       0.0);         ( 400540.0,
3749506.4,      20.2,      20.2,       0.0);
     ( 400560.0, 3749506.4,      20.2,      20.2,       0.0);         ( 400580.0,
3749506.4,      20.2,      20.2,       0.0);
     ( 400600.0, 3749506.4,      20.1,      20.1,       0.0);         ( 400620.0,
3749506.4,      20.3,      20.3,       0.0);
     ( 400640.0, 3749506.4,      20.3,      20.3,       0.0);         ( 400660.0,
3749506.4,      20.3,      20.3,       0.0);
     ( 400680.0, 3749506.4,      20.3,      20.3,       0.0);         ( 400700.0,
3749506.4,      20.3,      20.3,       0.0);
     ( 400720.0, 3749506.4,      20.2,      20.2,       0.0);         ( 400740.0,
3749506.4,      20.1,      20.1,       0.0);
     ( 400760.0, 3749506.4,      20.0,      20.0,       0.0);         ( 400780.0,
3749506.4,      19.8,      19.8,       0.0);
     ( 400800.0, 3749506.4,      19.6,      19.6,       0.0);         ( 400000.0,
3749526.4,      20.2,      20.2,       0.0);
     ( 400020.0, 3749526.4,      20.2,      20.2,       0.0);         ( 400040.0,
3749526.4,      20.1,      20.1,       0.0);
     ( 400060.0, 3749526.4,      20.1,      20.1,       0.0);         ( 400080.0,
3749526.4,      20.2,      20.2,       0.0);
     ( 400100.0, 3749526.4,      20.2,      20.2,       0.0);         ( 400120.0,
3749526.4,      20.1,      20.1,       0.0);
     ( 400140.0, 3749526.4,      20.0,      20.0,       0.0);         ( 400160.0,
3749526.4,      20.0,      20.0,       0.0);
     ( 400180.0, 3749526.4,      20.0,      20.0,       0.0);         ( 400200.0,
3749526.4,      20.0,      20.0,       0.0);
     ( 400220.0, 3749526.4,      19.9,      19.9,       0.0);         ( 400240.0,
3749526.4,      19.9,      19.9,       0.0);
     ( 400260.0, 3749526.4,      19.9,      19.9,       0.0);         ( 400280.0,
3749526.4,      19.9,      19.9,       0.0);
     ( 400300.0, 3749526.4,      19.9,      19.9,       0.0);         ( 400320.0,
3749526.4,      19.9,      19.9,       0.0);
     ( 400340.0, 3749526.4,      20.1,      20.1,       0.0);         ( 400360.0,
3749526.4,      20.2,      20.2,       0.0);
     ( 400380.0, 3749526.4,      20.0,      20.0,       0.0);         ( 400400.0,
3749526.4,      19.8,      19.8,       0.0);
     ( 400420.0, 3749526.4,      20.0,      20.0,       0.0);         ( 400440.0,
3749526.4,      20.0,      20.0,       0.0);
```

(400460.0, 3749526.4, 20.0, 20.0, 0.0); (400480.0, 3749526.4, 20.0, 20.0, 0.0);
(400500.0, 3749526.4, 20.1, 20.1, 0.0); (400520.0, 3749526.4, 20.1, 20.1, 0.0);
(400540.0, 3749526.4, 20.2, 20.2, 0.0); (400560.0, 3749526.4, 20.2, 20.2, 0.0);
(400580.0, 3749526.4, 20.2, 20.2, 0.0); (400600.0, 3749526.4, 20.1, 20.1, 0.0);
(400620.0, 3749526.4, 20.2, 20.2, 0.0); (400640.0, 3749526.4, 20.2, 20.2, 0.0);
(400660.0, 3749526.4, 20.2, 20.2, 0.0); (400680.0, 3749526.4, 20.1, 20.1, 0.0);
(400700.0, 3749526.4, 20.2, 20.2, 0.0); (400720.0, 3749526.4, 20.0, 20.0, 0.0);
(400740.0, 3749526.4, 19.9, 19.9, 0.0); (400760.0, 3749526.4, 19.9, 19.9, 0.0);
(400780.0, 3749526.4, 19.8, 19.8, 0.0); (400800.0, 3749526.4, 19.6, 19.6, 0.0);
(400000.0, 3749546.4, 20.3, 20.3, 0.0); (400020.0, 3749546.4, 20.3, 20.3, 0.0);
(400040.0, 3749546.4, 20.2, 20.2, 0.0); (400060.0, 3749546.4, 20.2, 20.2, 0.0);
(400080.0, 3749546.4, 20.2, 20.2, 0.0); (400100.0, 3749546.4, 20.2, 20.2, 0.0);
(400120.0, 3749546.4, 20.1, 20.1, 0.0); (400140.0, 3749546.4, 20.0, 20.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(400160.0, 3749546.4, 20.0, 20.0, 0.0); (400180.0, 3749546.4, 20.0, 20.0, 0.0);
(400200.0, 3749546.4, 20.0, 20.0, 0.0); (400220.0, 3749546.4, 20.0, 20.0, 0.0);
(400240.0, 3749546.4, 20.0, 20.0, 0.0); (400260.0, 3749546.4, 19.9, 19.9, 0.0);
(400280.0, 3749546.4, 19.9, 19.9, 0.0); (400300.0, 3749546.4, 19.9, 19.9, 0.0);
(400320.0, 3749546.4, 20.0, 20.0, 0.0); (400340.0, 3749546.4, 20.1, 20.1, 0.0);
(400360.0, 3749546.4, 20.2, 20.2, 0.0); (400380.0, 3749546.4, 20.0, 20.0, 0.0);

```
     ( 400400.0, 3749546.4,      19.9,      19.9,       0.0);         ( 400420.0,
3749546.4,      20.0,      20.0,       0.0);
     ( 400440.0, 3749546.4,      20.0,      20.0,       0.0);         ( 400460.0,
3749546.4,      20.0,      20.0,       0.0);
     ( 400480.0, 3749546.4,      20.0,      20.0,       0.0);         ( 400500.0,
3749546.4,      20.1,      20.1,       0.0);
     ( 400520.0, 3749546.4,      20.2,      20.2,       0.0);         ( 400540.0,
3749546.4,      20.2,      20.2,       0.0);
     ( 400560.0, 3749546.4,      20.2,      20.2,       0.0);         ( 400580.0,
3749546.4,      20.3,      20.3,       0.0);
     ( 400600.0, 3749546.4,      20.2,      20.2,       0.0);         ( 400620.0,
3749546.4,      20.2,      20.2,       0.0);
     ( 400640.0, 3749546.4,      20.2,      20.2,       0.0);         ( 400660.0,
3749546.4,      20.1,      20.1,       0.0);
     ( 400680.0, 3749546.4,      20.1,      20.1,       0.0);         ( 400700.0,
3749546.4,      20.1,      20.1,       0.0);
     ( 400720.0, 3749546.4,      19.9,      19.9,       0.0);         ( 400740.0,
3749546.4,      19.9,      19.9,       0.0);
     ( 400760.0, 3749546.4,      19.9,      19.9,       0.0);         ( 400780.0,
3749546.4,      19.9,      19.9,       0.0);
     ( 400800.0, 3749546.4,      19.6,      19.6,       0.0);         ( 400000.0,
3749566.4,      20.3,      20.3,       0.0);
     ( 400020.0, 3749566.4,      20.2,      20.2,       0.0);         ( 400040.0,
3749566.4,      20.2,      20.2,       0.0);
     ( 400060.0, 3749566.4,      20.3,      20.3,       0.0);         ( 400080.0,
3749566.4,      20.2,      20.2,       0.0);
     ( 400100.0, 3749566.4,      20.2,      20.2,       0.0);         ( 400120.0,
3749566.4,      20.1,      20.1,       0.0);
     ( 400140.0, 3749566.4,      20.1,      20.1,       0.0);         ( 400160.0,
3749566.4,      20.0,      20.0,       0.0);
     ( 400180.0, 3749566.4,      20.0,      20.0,       0.0);         ( 400200.0,
3749566.4,      20.0,      20.0,       0.0);
     ( 400220.0, 3749566.4,      20.0,      20.0,       0.0);         ( 400240.0,
3749566.4,      19.9,      19.9,       0.0);
     ( 400260.0, 3749566.4,      19.9,      19.9,       0.0);         ( 400280.0,
3749566.4,      19.9,      19.9,       0.0);
     ( 400300.0, 3749566.4,      19.9,      19.9,       0.0);         ( 400320.0,
3749566.4,      19.9,      19.9,       0.0);
     ( 400340.0, 3749566.4,      20.1,      20.1,       0.0);         ( 400360.0,
3749566.4,      20.1,      20.1,       0.0);
     ( 400380.0, 3749566.4,      19.9,      19.9,       0.0);         ( 400400.0,
3749566.4,      19.9,      19.9,       0.0);
     ( 400420.0, 3749566.4,      20.3,      20.3,       0.0);         ( 400440.0,
3749566.4,      20.3,      20.3,       0.0);
     ( 400460.0, 3749566.4,      20.2,      20.2,       0.0);         ( 400480.0,
3749566.4,      20.2,      20.2,       0.0);
     ( 400500.0, 3749566.4,      20.4,      20.4,       0.0);         ( 400520.0,
3749566.4,      20.4,      20.4,       0.0);
     ( 400540.0, 3749566.4,      20.4,      20.4,       0.0);         ( 400560.0,
3749566.4,      20.4,      20.4,       0.0);
```

(400580.0, 3749566.4, 20.4, 20.4, 0.0); (400600.0, 3749566.4, 20.3, 20.3, 0.0);
(400620.0, 3749566.4, 20.4, 20.4, 0.0); (400640.0, 3749566.4, 20.4, 20.4, 0.0);
(400660.0, 3749566.4, 20.3, 20.3, 0.0); (400680.0, 3749566.4, 20.2, 20.2, 0.0);
(400700.0, 3749566.4, 20.1, 20.1, 0.0); (400720.0, 3749566.4, 20.0, 20.0, 0.0);
(400740.0, 3749566.4, 20.0, 20.0, 0.0); (400760.0, 3749566.4, 19.9, 19.9, 0.0);
(400780.0, 3749566.4, 19.9, 19.9, 0.0); (400800.0, 3749566.4, 19.7, 19.7, 0.0);
(400000.0, 3749586.4, 20.3, 20.3, 0.0); (400020.0, 3749586.4, 20.3, 20.3, 0.0);
(400040.0, 3749586.4, 20.4, 20.4, 0.0); (400060.0, 3749586.4, 20.5, 20.5, 0.0);
(400080.0, 3749586.4, 20.4, 20.4, 0.0); (400100.0, 3749586.4, 20.3, 20.3, 0.0);
(400120.0, 3749586.4, 20.2, 20.2, 0.0); (400140.0, 3749586.4, 20.1, 20.1, 0.0);
(400160.0, 3749586.4, 20.1, 20.1, 0.0); (400180.0, 3749586.4, 20.1, 20.1, 0.0);
(400200.0, 3749586.4, 20.1, 20.1, 0.0); (400220.0, 3749586.4, 20.1, 20.1, 0.0);
(400240.0, 3749586.4, 20.1, 20.1, 0.0); (400260.0, 3749586.4, 20.0, 20.0, 0.0);
(400280.0, 3749586.4, 20.0, 20.0, 0.0); (400300.0, 3749586.4, 20.0, 20.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(400320.0, 3749586.4, 20.0, 20.0, 0.0); (400340.0, 3749586.4, 20.1, 20.1, 0.0);
(400360.0, 3749586.4, 20.1, 20.1, 0.0); (400380.0, 3749586.4, 20.0, 20.0, 0.0);
(400400.0, 3749586.4, 20.0, 20.0, 0.0); (400420.0, 3749586.4, 20.3, 20.3, 0.0);
(400440.0, 3749586.4, 20.3, 20.3, 0.0); (400460.0, 3749586.4, 20.3, 20.3, 0.0);
(400480.0, 3749586.4, 20.3, 20.3, 0.0); (400500.0, 3749586.4, 20.4, 20.4, 0.0);

```
     ( 400520.0, 3749586.4,      20.4,      20.4,       0.0);         ( 400540.0,
3749586.4,      20.4,      20.4,       0.0);
     ( 400560.0, 3749586.4,      20.4,      20.4,       0.0);         ( 400580.0,
3749586.4,      20.4,      20.4,       0.0);
     ( 400600.0, 3749586.4,      20.4,      20.4,       0.0);         ( 400620.0,
3749586.4,      20.4,      20.4,       0.0);
     ( 400640.0, 3749586.4,      20.3,      20.3,       0.0);         ( 400660.0,
3749586.4,      20.2,      20.2,       0.0);
     ( 400680.0, 3749586.4,      20.2,      20.2,       0.0);         ( 400700.0,
3749586.4,      20.0,      20.0,       0.0);
     ( 400720.0, 3749586.4,      19.9,      19.9,       0.0);         ( 400740.0,
3749586.4,      19.9,      19.9,       0.0);
     ( 400760.0, 3749586.4,      20.0,      20.0,       0.0);         ( 400780.0,
3749586.4,      19.9,      19.9,       0.0);
     ( 400800.0, 3749586.4,      19.7,      19.7,       0.0);         ( 400000.0,
3749606.4,      20.5,      20.5,       0.0);
     ( 400020.0, 3749606.4,      20.5,      20.5,       0.0);         ( 400040.0,
3749606.4,      20.6,      20.6,       0.0);
     ( 400060.0, 3749606.4,      20.7,      20.7,       0.0);         ( 400080.0,
3749606.4,      20.6,      20.6,       0.0);
     ( 400100.0, 3749606.4,      20.5,      20.5,       0.0);         ( 400120.0,
3749606.4,      20.3,      20.3,       0.0);
     ( 400140.0, 3749606.4,      20.2,      20.2,       0.0);         ( 400160.0,
3749606.4,      20.2,      20.2,       0.0);
     ( 400180.0, 3749606.4,      20.1,      20.1,       0.0);         ( 400200.0,
3749606.4,      20.1,      20.1,       0.0);
     ( 400220.0, 3749606.4,      20.2,      20.2,       0.0);         ( 400240.0,
3749606.4,      20.3,      20.3,       0.0);
     ( 400260.0, 3749606.4,      20.2,      20.2,       0.0);         ( 400280.0,
3749606.4,      20.1,      20.1,       0.0);
     ( 400300.0, 3749606.4,      20.1,      20.1,       0.0);         ( 400320.0,
3749606.4,      20.1,      20.1,       0.0);
     ( 400340.0, 3749606.4,      20.2,      20.2,       0.0);         ( 400360.0,
3749606.4,      20.2,      20.2,       0.0);
     ( 400380.0, 3749606.4,      20.1,      20.1,       0.0);         ( 400400.0,
3749606.4,      20.0,      20.0,       0.0);
     ( 400420.0, 3749606.4,      20.2,      20.2,       0.0);         ( 400440.0,
3749606.4,      20.3,      20.3,       0.0);
     ( 400460.0, 3749606.4,      20.4,      20.4,       0.0);         ( 400480.0,
3749606.4,      20.4,      20.4,       0.0);
     ( 400500.0, 3749606.4,      20.4,      20.4,       0.0);         ( 400520.0,
3749606.4,      20.4,      20.4,       0.0);
     ( 400540.0, 3749606.4,      20.4,      20.4,       0.0);         ( 400560.0,
3749606.4,      20.4,      20.4,       0.0);
     ( 400580.0, 3749606.4,      20.4,      20.4,       0.0);         ( 400600.0,
3749606.4,      20.4,      20.4,       0.0);
     ( 400620.0, 3749606.4,      20.3,      20.3,       0.0);         ( 400640.0,
3749606.4,      20.2,      20.2,       0.0);
     ( 400660.0, 3749606.4,      20.1,      20.1,       0.0);         ( 400680.0,
3749606.4,      20.1,      20.1,       0.0);
```

(400700.0, 3749606.4, 20.0, 20.0, 0.0); (400720.0, 3749606.4, 19.9, 19.9, 0.0);
(400740.0, 3749606.4, 19.9, 19.9, 0.0); (400760.0, 3749606.4, 20.0, 20.0, 0.0);
(400780.0, 3749606.4, 20.0, 20.0, 0.0); (400800.0, 3749606.4, 19.8, 19.8, 0.0);
(400000.0, 3749626.4, 20.5, 20.5, 0.0); (400020.0, 3749626.4, 20.4, 20.4, 0.0);
(400040.0, 3749626.4, 20.4, 20.4, 0.0); (400060.0, 3749626.4, 20.4, 20.4, 0.0);
(400080.0, 3749626.4, 20.4, 20.4, 0.0); (400100.0, 3749626.4, 20.3, 20.3, 0.0);
(400120.0, 3749626.4, 20.2, 20.2, 0.0); (400140.0, 3749626.4, 20.1, 20.1, 0.0);
(400160.0, 3749626.4, 20.1, 20.1, 0.0); (400180.0, 3749626.4, 20.1, 20.1, 0.0);
(400200.0, 3749626.4, 20.2, 20.2, 0.0); (400220.0, 3749626.4, 20.2, 20.2, 0.0);
(400240.0, 3749626.4, 20.2, 20.2, 0.0); (400260.0, 3749626.4, 20.2, 20.2, 0.0);
(400280.0, 3749626.4, 20.1, 20.1, 0.0); (400300.0, 3749626.4, 20.1, 20.1, 0.0);
(400320.0, 3749626.4, 20.1, 20.1, 0.0); (400340.0, 3749626.4, 20.1, 20.1, 0.0);
(400360.0, 3749626.4, 20.1, 20.1, 0.0); (400380.0, 3749626.4, 20.0, 20.0, 0.0);
(400400.0, 3749626.4, 20.1, 20.1, 0.0); (400420.0, 3749626.4, 20.4, 20.4, 0.0);
(400440.0, 3749626.4, 20.5, 20.5, 0.0); (400460.0, 3749626.4, 20.5, 20.5, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(400480.0, 3749626.4, 20.5, 20.5, 0.0); (400500.0, 3749626.4, 20.6, 20.6, 0.0);
(400520.0, 3749626.4, 20.6, 20.6, 0.0); (400540.0, 3749626.4, 20.6, 20.6, 0.0);
(400560.0, 3749626.4, 20.5, 20.5, 0.0); (400580.0, 3749626.4, 20.5, 20.5, 0.0);
(400600.0, 3749626.4, 20.4, 20.4, 0.0); (400620.0, 3749626.4, 20.3, 20.3, 0.0);

```
     ( 400640.0, 3749626.4,      20.2,      20.2,       0.0);         ( 400660.0,
3749626.4,      20.2,      20.2,       0.0);
     ( 400680.0, 3749626.4,      20.1,      20.1,       0.0);         ( 400700.0,
3749626.4,      20.1,      20.1,       0.0);
     ( 400720.0, 3749626.4,      20.0,      20.0,       0.0);         ( 400740.0,
3749626.4,      20.0,      20.0,       0.0);
     ( 400760.0, 3749626.4,      20.0,      20.0,       0.0);         ( 400780.0,
3749626.4,      20.0,      20.0,       0.0);
     ( 400800.0, 3749626.4,      19.9,      19.9,       0.0);         ( 400000.0,
3749646.4,      20.6,      20.6,       0.0);
     ( 400020.0, 3749646.4,      20.5,      20.5,       0.0);         ( 400040.0,
3749646.4,      20.4,      20.4,       0.0);
     ( 400060.0, 3749646.4,      20.4,      20.4,       0.0);         ( 400080.0,
3749646.4,      20.4,      20.4,       0.0);
     ( 400100.0, 3749646.4,      20.3,      20.3,       0.0);         ( 400120.0,
3749646.4,      20.2,      20.2,       0.0);
     ( 400140.0, 3749646.4,      20.2,      20.2,       0.0);         ( 400400.0,
3749646.4,      20.1,      20.1,       0.0);
     ( 400420.0, 3749646.4,      20.6,      20.6,       0.0);         ( 400440.0,
3749646.4,      20.6,      20.6,       0.0);
     ( 400460.0, 3749646.4,      20.6,      20.6,       0.0);         ( 400480.0,
3749646.4,      20.5,      20.5,       0.0);
     ( 400500.0, 3749646.4,      20.6,      20.6,       0.0);         ( 400520.0,
3749646.4,      20.7,      20.7,       0.0);
     ( 400540.0, 3749646.4,      20.6,      20.6,       0.0);         ( 400560.0,
3749646.4,      20.6,      20.6,       0.0);
     ( 400580.0, 3749646.4,      20.6,      20.6,       0.0);         ( 400600.0,
3749646.4,      20.4,      20.4,       0.0);
     ( 400620.0, 3749646.4,      20.2,      20.2,       0.0);         ( 400640.0,
3749646.4,      20.2,      20.2,       0.0);
     ( 400660.0, 3749646.4,      20.1,      20.1,       0.0);         ( 400680.0,
3749646.4,      20.1,      20.1,       0.0);
     ( 400700.0, 3749646.4,      20.2,      20.2,       0.0);         ( 400720.0,
3749646.4,      20.1,      20.1,       0.0);
     ( 400740.0, 3749646.4,      20.0,      20.0,       0.0);         ( 400760.0,
3749646.4,      20.1,      20.1,       0.0);
     ( 400780.0, 3749646.4,      20.1,      20.1,       0.0);         ( 400800.0,
3749646.4,      19.9,      19.9,       0.0);
     ( 400000.0, 3749666.4,      20.7,      20.7,       0.0);         ( 400020.0,
3749666.4,      20.6,      20.6,       0.0);
     ( 400040.0, 3749666.4,      20.6,      20.6,       0.0);         ( 400060.0,
3749666.4,      20.5,      20.5,       0.0);
     ( 400080.0, 3749666.4,      20.6,      20.6,       0.0);         ( 400100.0,
3749666.4,      20.5,      20.5,       0.0);
     ( 400120.0, 3749666.4,      20.4,      20.4,       0.0);         ( 400140.0,
3749666.4,      20.3,      20.3,       0.0);
     ( 400400.0, 3749666.4,      20.2,      20.2,       0.0);         ( 400420.0,
3749666.4,      20.6,      20.6,       0.0);
     ( 400440.0, 3749666.4,      20.7,      20.7,       0.0);         ( 400460.0,
3749666.4,      20.7,      20.7,       0.0);
```

```
     ( 400480.0, 3749666.4,      20.6,      20.6,       0.0);         ( 400500.0,
3749666.4,      20.6,      20.6,       0.0);
     ( 400520.0, 3749666.4,      20.7,      20.7,       0.0);         ( 400540.0,
3749666.4,      20.6,      20.6,       0.0);
     ( 400560.0, 3749666.4,      20.6,      20.6,       0.0);         ( 400580.0,
3749666.4,      20.6,      20.6,       0.0);
     ( 400600.0, 3749666.4,      20.4,      20.4,       0.0);         ( 400620.0,
3749666.4,      20.2,      20.2,       0.0);
     ( 400640.0, 3749666.4,      20.2,      20.2,       0.0);         ( 400660.0,
3749666.4,      20.1,      20.1,       0.0);
     ( 400680.0, 3749666.4,      20.1,      20.1,       0.0);         ( 400700.0,
3749666.4,      20.2,      20.2,       0.0);
     ( 400720.0, 3749666.4,      20.1,      20.1,       0.0);         ( 400740.0,
3749666.4,      20.1,      20.1,       0.0);
     ( 400760.0, 3749666.4,      20.1,      20.1,       0.0);         ( 400780.0,
3749666.4,      20.1,      20.1,       0.0);
     ( 400800.0, 3749666.4,      20.0,      20.0,       0.0);         ( 400000.0,
3749686.4,      20.7,      20.7,       0.0);
     ( 400020.0, 3749686.4,      20.6,      20.6,       0.0);         ( 400040.0,
3749686.4,      20.6,      20.6,       0.0);
     ( 400060.0, 3749686.4,      20.6,      20.6,       0.0);         ( 400080.0,
3749686.4,      20.6,      20.6,       0.0);
     ( 400100.0, 3749686.4,      20.5,      20.5,       0.0);         ( 400120.0,
3749686.4,      20.4,      20.4,       0.0);
     ( 400140.0, 3749686.4,      20.4,      20.4,       0.0);         ( 400400.0,
3749686.4,      20.2,      20.2,       0.0);
     ( 400420.0, 3749686.4,      20.6,      20.6,       0.0);         ( 400440.0,
3749686.4,      20.7,      20.7,       0.0);
     ( 400460.0, 3749686.4,      20.7,      20.7,       0.0);         ( 400480.0,
3749686.4,      20.7,      20.7,       0.0);
     ( 400500.0, 3749686.4,      20.7,      20.7,       0.0);         ( 400520.0,
3749686.4,      20.7,      20.7,       0.0);
```



```
                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                              (METERS)

     ( 400540.0, 3749686.4,      20.6,      20.6,       0.0);         ( 400560.0,
3749686.4,      20.6,      20.6,       0.0);
     ( 400580.0, 3749686.4,      20.5,      20.5,       0.0);         ( 400600.0,
3749686.4,      20.4,      20.4,       0.0);
     ( 400620.0, 3749686.4,      20.3,      20.3,       0.0);         ( 400640.0,
3749686.4,      20.2,      20.2,       0.0);
```

```
     ( 400660.0, 3749686.4,      20.2,      20.2,       0.0);         ( 400680.0,
3749686.4,      20.2,      20.2,       0.0);
     ( 400700.0, 3749686.4,      20.1,      20.1,       0.0);         ( 400720.0,
3749686.4,      20.1,      20.1,       0.0);
     ( 400740.0, 3749686.4,      20.1,      20.1,       0.0);         ( 400760.0,
3749686.4,      20.1,      20.1,       0.0);
     ( 400780.0, 3749686.4,      20.1,      20.1,       0.0);         ( 400800.0,
3749686.4,      19.9,      19.9,       0.0);
     ( 400000.0, 3749706.4,      20.8,      20.8,       0.0);         ( 400020.0,
3749706.4,      20.7,      20.7,       0.0);
     ( 400040.0, 3749706.4,      20.7,      20.7,       0.0);         ( 400060.0,
3749706.4,      20.7,      20.7,       0.0);
     ( 400080.0, 3749706.4,      20.6,      20.6,       0.0);         ( 400100.0,
3749706.4,      20.4,      20.4,       0.0);
     ( 400120.0, 3749706.4,      20.4,      20.4,       0.0);         ( 400140.0,
3749706.4,      20.5,      20.5,       0.0);
     ( 400400.0, 3749706.4,      20.2,      20.2,       0.0);         ( 400420.0,
3749706.4,      20.7,      20.7,       0.0);
     ( 400440.0, 3749706.4,      20.8,      20.8,       0.0);         ( 400460.0,
3749706.4,      20.8,      20.8,       0.0);
     ( 400480.0, 3749706.4,      20.8,      20.8,       0.0);         ( 400500.0,
3749706.4,      20.8,      20.8,       0.0);
     ( 400520.0, 3749706.4,      20.7,      20.7,       0.0);         ( 400540.0,
3749706.4,      20.6,      20.6,       0.0);
     ( 400560.0, 3749706.4,      20.6,      20.6,       0.0);         ( 400580.0,
3749706.4,      20.5,      20.5,       0.0);
     ( 400600.0, 3749706.4,      20.4,      20.4,       0.0);         ( 400620.0,
3749706.4,      20.3,      20.3,       0.0);
     ( 400640.0, 3749706.4,      20.2,      20.2,       0.0);         ( 400660.0,
3749706.4,      20.2,      20.2,       0.0);
     ( 400680.0, 3749706.4,      20.2,      20.2,       0.0);         ( 400700.0,
3749706.4,      20.2,      20.2,       0.0);
     ( 400720.0, 3749706.4,      20.2,      20.2,       0.0);         ( 400740.0,
3749706.4,      20.2,      20.2,       0.0);
     ( 400760.0, 3749706.4,      20.2,      20.2,       0.0);         ( 400780.0,
3749706.4,      20.2,      20.2,       0.0);
     ( 400800.0, 3749706.4,      20.1,      20.1,       0.0);         ( 400000.0,
3749726.4,      20.9,      20.9,       0.0);
     ( 400020.0, 3749726.4,      20.8,      20.8,       0.0);         ( 400040.0,
3749726.4,      20.7,      20.7,       0.0);
     ( 400060.0, 3749726.4,      20.8,      20.8,       0.0);         ( 400080.0,
3749726.4,      20.7,      20.7,       0.0);
     ( 400100.0, 3749726.4,      20.5,      20.5,       0.0);         ( 400120.0,
3749726.4,      20.5,      20.5,       0.0);
     ( 400140.0, 3749726.4,      20.5,      20.5,       0.0);         ( 400400.0,
3749726.4,      20.3,      20.3,       0.0);
     ( 400420.0, 3749726.4,      20.8,      20.8,       0.0);         ( 400440.0,
3749726.4,      20.9,      20.9,       0.0);
     ( 400460.0, 3749726.4,      21.0,      21.0,       0.0);         ( 400480.0,
3749726.4,      21.0,      21.0,       0.0);
```

(400500.0, 3749726.4, 20.9, 20.9, 0.0); (400520.0, 3749726.4, 20.8, 20.8, 0.0);
(400540.0, 3749726.4, 20.7, 20.7, 0.0); (400560.0, 3749726.4, 20.6, 20.6, 0.0);
(400580.0, 3749726.4, 20.4, 20.4, 0.0); (400600.0, 3749726.4, 20.4, 20.4, 0.0);
(400620.0, 3749726.4, 20.4, 20.4, 0.0); (400640.0, 3749726.4, 20.3, 20.3, 0.0);
(400660.0, 3749726.4, 20.2, 20.2, 0.0); (400680.0, 3749726.4, 20.2, 20.2, 0.0);
(400700.0, 3749726.4, 20.3, 20.3, 0.0); (400720.0, 3749726.4, 20.3, 20.3, 0.0);
(400740.0, 3749726.4, 20.3, 20.3, 0.0); (400760.0, 3749726.4, 20.3, 20.3, 0.0);
(400780.0, 3749726.4, 20.2, 20.2, 0.0); (400800.0, 3749726.4, 20.3, 20.3, 0.0);
(400000.0, 3749746.4, 20.9, 20.9, 0.0); (400020.0, 3749746.4, 20.9, 20.9, 0.0);
(400040.0, 3749746.4, 20.8, 20.8, 0.0); (400060.0, 3749746.4, 20.8, 20.8, 0.0);
(400080.0, 3749746.4, 20.7, 20.7, 0.0); (400100.0, 3749746.4, 20.6, 20.6, 0.0);
(400120.0, 3749746.4, 20.6, 20.6, 0.0); (400140.0, 3749746.4, 20.5, 20.5, 0.0);
(400400.0, 3749746.4, 20.4, 20.4, 0.0); (400420.0, 3749746.4, 20.9, 20.9, 0.0);
(400440.0, 3749746.4, 20.9, 20.9, 0.0); (400460.0, 3749746.4, 20.9, 20.9, 0.0);
(400480.0, 3749746.4, 20.9, 20.9, 0.0); (400500.0, 3749746.4, 20.8, 20.8, 0.0);
(400520.0, 3749746.4, 20.7, 20.7, 0.0); (400540.0, 3749746.4, 20.7, 20.7, 0.0);
(400560.0, 3749746.4, 20.5, 20.5, 0.0); (400580.0, 3749746.4, 20.4, 20.4, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(400600.0, 3749746.4, 20.3, 20.3, 0.0); (400620.0, 3749746.4, 20.3, 20.3, 0.0);
(400640.0, 3749746.4, 20.2, 20.2, 0.0); (400660.0, 3749746.4, 20.2, 20.2, 0.0);

```
     ( 400680.0, 3749746.4,      20.2,      20.2,       0.0);         ( 400700.0,
3749746.4,      20.2,      20.2,       0.0);
     ( 400720.0, 3749746.4,      20.3,      20.3,       0.0);         ( 400740.0,
3749746.4,      20.3,      20.3,       0.0);
     ( 400760.0, 3749746.4,      20.3,      20.3,       0.0);         ( 400780.0,
3749746.4,      20.1,      20.1,       0.0);
     ( 400800.0, 3749746.4,      20.2,      20.2,       0.0);         ( 400000.0,
3749766.4,      20.9,      20.9,       0.0);
     ( 400020.0, 3749766.4,      20.9,      20.9,       0.0);         ( 400040.0,
3749766.4,      20.8,      20.8,       0.0);
     ( 400060.0, 3749766.4,      20.8,      20.8,       0.0);         ( 400080.0,
3749766.4,      20.7,      20.7,       0.0);
     ( 400100.0, 3749766.4,      20.6,      20.6,       0.0);         ( 400120.0,
3749766.4,      20.6,      20.6,       0.0);
     ( 400140.0, 3749766.4,      20.5,      20.5,       0.0);         ( 400400.0,
3749766.4,      20.5,      20.5,       0.0);
     ( 400420.0, 3749766.4,      21.0,      21.0,       0.0);         ( 400440.0,
3749766.4,      21.0,      21.0,       0.0);
     ( 400460.0, 3749766.4,      20.9,      20.9,       0.0);         ( 400480.0,
3749766.4,      20.9,      20.9,       0.0);
     ( 400500.0, 3749766.4,      20.8,      20.8,       0.0);         ( 400520.0,
3749766.4,      20.8,      20.8,       0.0);
     ( 400540.0, 3749766.4,      20.7,      20.7,       0.0);         ( 400560.0,
3749766.4,      20.6,      20.6,       0.0);
     ( 400580.0, 3749766.4,      20.4,      20.4,       0.0);         ( 400600.0,
3749766.4,      20.3,      20.3,       0.0);
     ( 400620.0, 3749766.4,      20.4,      20.4,       0.0);         ( 400640.0,
3749766.4,      20.3,      20.3,       0.0);
     ( 400660.0, 3749766.4,      20.3,      20.3,       0.0);         ( 400680.0,
3749766.4,      20.3,      20.3,       0.0);
     ( 400700.0, 3749766.4,      20.3,      20.3,       0.0);         ( 400720.0,
3749766.4,      20.3,      20.3,       0.0);
     ( 400740.0, 3749766.4,      20.4,      20.4,       0.0);         ( 400760.0,
3749766.4,      20.4,      20.4,       0.0);
     ( 400780.0, 3749766.4,      20.1,      20.1,       0.0);         ( 400800.0,
3749766.4,      20.3,      20.3,       0.0);
     ( 400000.0, 3749786.4,      20.8,      20.8,       0.0);         ( 400020.0,
3749786.4,      20.8,      20.8,       0.0);
     ( 400040.0, 3749786.4,      20.7,      20.7,       0.0);         ( 400060.0,
3749786.4,      20.7,      20.7,       0.0);
     ( 400080.0, 3749786.4,      20.7,      20.7,       0.0);         ( 400100.0,
3749786.4,      20.6,      20.6,       0.0);
     ( 400120.0, 3749786.4,      20.6,      20.6,       0.0);         ( 400140.0,
3749786.4,      20.5,      20.5,       0.0);
     ( 400400.0, 3749786.4,      20.6,      20.6,       0.0);         ( 400420.0,
3749786.4,      21.1,      21.1,       0.0);
     ( 400440.0, 3749786.4,      21.1,      21.1,       0.0);         ( 400460.0,
3749786.4,      21.1,      21.1,       0.0);
     ( 400480.0, 3749786.4,      21.0,      21.0,       0.0);         ( 400500.0,
3749786.4,      20.9,      20.9,       0.0);
```

(400520.0, 3749786.4, 20.9, 20.9, 0.0); (400540.0, 3749786.4, 20.8, 20.8, 0.0);
(400560.0, 3749786.4, 20.6, 20.6, 0.0); (400580.0, 3749786.4, 20.4, 20.4, 0.0);
(400600.0, 3749786.4, 20.4, 20.4, 0.0); (400620.0, 3749786.4, 20.5, 20.5, 0.0);
(400640.0, 3749786.4, 20.5, 20.5, 0.0); (400660.0, 3749786.4, 20.4, 20.4, 0.0);
(400680.0, 3749786.4, 20.5, 20.5, 0.0); (400700.0, 3749786.4, 20.5, 20.5, 0.0);
(400720.0, 3749786.4, 20.5, 20.5, 0.0); (400740.0, 3749786.4, 20.6, 20.6, 0.0);
(400760.0, 3749786.4, 20.6, 20.6, 0.0); (400780.0, 3749786.4, 20.3, 20.3, 0.0);
(400800.0, 3749786.4, 20.5, 20.5, 0.0); (400000.0, 3749806.4, 20.9, 20.9, 0.0);
(400020.0, 3749806.4, 20.8, 20.8, 0.0); (400040.0, 3749806.4, 20.8, 20.8, 0.0);
(400060.0, 3749806.4, 20.8, 20.8, 0.0); (400080.0, 3749806.4, 20.7, 20.7, 0.0);
(400100.0, 3749806.4, 20.7, 20.7, 0.0); (400120.0, 3749806.4, 20.7, 20.7, 0.0);
(400140.0, 3749806.4, 20.6, 20.6, 0.0); (400400.0, 3749806.4, 20.5, 20.5, 0.0);
(400420.0, 3749806.4, 20.7, 20.7, 0.0); (400440.0, 3749806.4, 20.8, 20.8, 0.0);
(400460.0, 3749806.4, 20.8, 20.8, 0.0); (400480.0, 3749806.4, 20.8, 20.8, 0.0);
(400500.0, 3749806.4, 20.8, 20.8, 0.0); (400520.0, 3749806.4, 20.7, 20.7, 0.0);
(400540.0, 3749806.4, 20.6, 20.6, 0.0); (400560.0, 3749806.4, 20.5, 20.5, 0.0);
(400580.0, 3749806.4, 20.4, 20.4, 0.0); (400600.0, 3749806.4, 20.3, 20.3, 0.0);
(400620.0, 3749806.4, 20.3, 20.3, 0.0); (400640.0, 3749806.4, 20.3, 20.3, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(400660.0, 3749806.4, 20.3, 20.3, 0.0); (400680.0, 3749806.4, 20.3, 20.3, 0.0);

```
     ( 400700.0, 3749806.4,      20.3,      20.3,       0.0);         ( 400720.0,
3749806.4,      20.4,      20.4,       0.0);
     ( 400740.0, 3749806.4,      20.4,      20.4,       0.0);         ( 400760.0,
3749806.4,      20.4,      20.4,       0.0);
     ( 400780.0, 3749806.4,      20.2,      20.2,       0.0);         ( 400800.0,
3749806.4,      20.4,      20.4,       0.0);
     ( 400000.0, 3749826.4,      21.0,      21.0,       0.0);         ( 400020.0,
3749826.4,      20.9,      20.9,       0.0);
     ( 400040.0, 3749826.4,      20.9,      20.9,       0.0);         ( 400060.0,
3749826.4,      20.9,      20.9,       0.0);
     ( 400080.0, 3749826.4,      20.8,      20.8,       0.0);         ( 400100.0,
3749826.4,      20.8,      20.8,       0.0);
     ( 400120.0, 3749826.4,      20.8,      20.8,       0.0);         ( 400140.0,
3749826.4,      20.7,      20.7,       0.0);
     ( 400489.8, 3749826.4,      20.8,      20.8,       0.0);         ( 400500.0,
3749826.4,      20.7,      20.7,       0.0);
     ( 400520.0, 3749826.4,      20.6,      20.6,       0.0);         ( 400540.0,
3749826.4,      20.6,      20.6,       0.0);
     ( 400560.0, 3749826.4,      20.5,      20.5,       0.0);         ( 400580.0,
3749826.4,      20.4,      20.4,       0.0);
     ( 400600.0, 3749826.4,      20.4,      20.4,       0.0);         ( 400620.0,
3749826.4,      20.3,      20.3,       0.0);
     ( 400640.0, 3749826.4,      20.3,      20.3,       0.0);         ( 400660.0,
3749826.4,      20.3,      20.3,       0.0);
     ( 400680.0, 3749826.4,      20.3,      20.3,       0.0);         ( 400700.0,
3749826.4,      20.4,      20.4,       0.0);
     ( 400720.0, 3749826.4,      20.4,      20.4,       0.0);         ( 400740.0,
3749826.4,      20.5,      20.5,       0.0);
     ( 400760.0, 3749826.4,      20.5,      20.5,       0.0);         ( 400780.0,
3749826.4,      20.3,      20.3,       0.0);
     ( 400800.0, 3749826.4,      20.4,      20.4,       0.0);         ( 400000.0,
3749846.4,      20.9,      20.9,       0.0);
     ( 400020.0, 3749846.4,      20.9,      20.9,       0.0);         ( 400040.0,
3749846.4,      20.8,      20.8,       0.0);
     ( 400060.0, 3749846.4,      20.8,      20.8,       0.0);         ( 400080.0,
3749846.4,      20.7,      20.7,       0.0);
     ( 400100.0, 3749846.4,      20.7,      20.7,       0.0);         ( 400120.0,
3749846.4,      20.7,      20.7,       0.0);
     ( 400140.0, 3749846.4,      20.6,      20.6,       0.0);         ( 400489.8,
3749846.4,      21.0,      21.0,       0.0);
     ( 400500.0, 3749846.4,      20.9,      20.9,       0.0);         ( 400520.0,
3749846.4,      20.8,      20.8,       0.0);
     ( 400540.0, 3749846.4,      20.7,      20.7,       0.0);         ( 400560.0,
3749846.4,      20.6,      20.6,       0.0);
     ( 400580.0, 3749846.4,      20.5,      20.5,       0.0);         ( 400600.0,
3749846.4,      20.7,      20.7,       0.0);
     ( 400620.0, 3749846.4,      20.6,      20.6,       0.0);         ( 400640.0,
3749846.4,      20.5,      20.5,       0.0);
     ( 400660.0, 3749846.4,      20.5,      20.5,       0.0);         ( 400680.0,
3749846.4,      20.5,      20.5,       0.0);
```

(400700.0, 3749846.4, 20.6, 20.6, 0.0); (400720.0, 3749846.4, 20.6, 20.6, 0.0);
(400740.0, 3749846.4, 20.7, 20.7, 0.0); (400760.0, 3749846.4, 20.8, 20.8, 0.0);
(400780.0, 3749846.4, 20.4, 20.4, 0.0); (400800.0, 3749846.4, 20.4, 20.4, 0.0);
(400000.0, 3749866.4, 21.0, 21.0, 0.0); (400020.0, 3749866.4, 20.9, 20.9, 0.0);
(400040.0, 3749866.4, 20.9, 20.9, 0.0); (400060.0, 3749866.4, 20.9, 20.9, 0.0);
(400080.0, 3749866.4, 20.8, 20.8, 0.0); (400100.0, 3749866.4, 20.8, 20.8, 0.0);
(400120.0, 3749866.4, 20.7, 20.7, 0.0); (400140.0, 3749866.4, 20.7, 20.7, 0.0);
(400160.0, 3749866.4, 20.8, 20.8, 0.0); (400180.0, 3749866.4, 20.7, 20.7, 0.0);
(400200.0, 3749866.4, 20.7, 20.7, 0.0); (400220.0, 3749866.4, 20.7, 20.7, 0.0);
(400240.0, 3749866.4, 20.7, 20.7, 0.0); (400260.0, 3749866.4, 20.7, 20.7, 0.0);
(400276.5, 3749866.4, 20.7, 20.7, 0.0); (400489.8, 3749866.4, 21.0, 21.0, 0.0);
(400500.0, 3749866.4, 20.9, 20.9, 0.0); (400520.0, 3749866.4, 20.8, 20.8, 0.0);
(400540.0, 3749866.4, 20.7, 20.7, 0.0); (400560.0, 3749866.4, 20.7, 20.7, 0.0);
(400580.0, 3749866.4, 20.7, 20.7, 0.0); (400600.0, 3749866.4, 20.6, 20.6, 0.0);
(400620.0, 3749866.4, 20.6, 20.6, 0.0); (400640.0, 3749866.4, 20.6, 20.6, 0.0);
(400660.0, 3749866.4, 20.6, 20.6, 0.0); (400680.0, 3749866.4, 20.6, 20.6, 0.0);
(400700.0, 3749866.4, 20.6, 20.6, 0.0); (400720.0, 3749866.4, 20.7, 20.7, 0.0);
(400740.0, 3749866.4, 20.8, 20.8, 0.0); (400760.0, 3749866.4, 20.8, 20.8, 0.0);
(400780.0, 3749866.4, 20.4, 20.4, 0.0); (400800.0, 3749866.4, 20.6, 20.6, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
     ( 400000.0, 3749886.4,      21.2,      21.2,       0.0);         ( 400020.0,
3749886.4,      21.1,      21.1,       0.0);
     ( 400040.0, 3749886.4,      21.0,      21.0,       0.0);         ( 400060.0,
3749886.4,      21.1,      21.1,       0.0);
     ( 400080.0, 3749886.4,      21.0,      21.0,       0.0);         ( 400100.0,
3749886.4,      20.9,      20.9,       0.0);
     ( 400120.0, 3749886.4,      20.8,      20.8,       0.0);         ( 400140.0,
3749886.4,      20.7,      20.7,       0.0);
     ( 400160.0, 3749886.4,      21.0,      21.0,       0.0);         ( 400180.0,
3749886.4,      20.9,      20.9,       0.0);
     ( 400200.0, 3749886.4,      20.8,      20.8,       0.0);         ( 400220.0,
3749886.4,      20.8,      20.8,       0.0);
     ( 400240.0, 3749886.4,      21.0,      21.0,       0.0);         ( 400260.0,
3749886.4,      20.9,      20.9,       0.0);
     ( 400276.5, 3749886.4,      20.9,      20.9,       0.0);         ( 400489.8,
3749886.4,      21.0,      21.0,       0.0);
     ( 400500.0, 3749886.4,      20.9,      20.9,       0.0);         ( 400520.0,
3749886.4,      20.8,      20.8,       0.0);
     ( 400540.0, 3749886.4,      20.7,      20.7,       0.0);         ( 400560.0,
3749886.4,      20.7,      20.7,       0.0);
     ( 400580.0, 3749886.4,      20.7,      20.7,       0.0);         ( 400600.0,
3749886.4,      20.5,      20.5,       0.0);
     ( 400620.0, 3749886.4,      20.6,      20.6,       0.0);         ( 400640.0,
3749886.4,      20.7,      20.7,       0.0);
     ( 400660.0, 3749886.4,      20.6,      20.6,       0.0);         ( 400680.0,
3749886.4,      20.7,      20.7,       0.0);
     ( 400700.0, 3749886.4,      20.7,      20.7,       0.0);         ( 400720.0,
3749886.4,      20.8,      20.8,       0.0);
     ( 400740.0, 3749886.4,      20.8,      20.8,       0.0);         ( 400760.0,
3749886.4,      20.8,      20.8,       0.0);
     ( 400780.0, 3749886.4,      20.5,      20.5,       0.0);         ( 400800.0,
3749886.4,      20.6,      20.6,       0.0);
     ( 400000.0, 3749906.4,      21.2,      21.2,       0.0);         ( 400020.0,
3749906.4,      21.2,      21.2,       0.0);
     ( 400040.0, 3749906.4,      21.2,      21.2,       0.0);         ( 400060.0,
3749906.4,      21.1,      21.1,       0.0);
     ( 400080.0, 3749906.4,      21.0,      21.0,       0.0);         ( 400100.0,
3749906.4,      20.9,      20.9,       0.0);
     ( 400120.0, 3749906.4,      20.9,      20.9,       0.0);         ( 400140.0,
3749906.4,      20.8,      20.8,       0.0);
     ( 400160.0, 3749906.4,      21.0,      21.0,       0.0);         ( 400180.0,
3749906.4,      20.9,      20.9,       0.0);
     ( 400200.0, 3749906.4,      20.8,      20.8,       0.0);         ( 400220.0,
3749906.4,      20.9,      20.9,       0.0);
     ( 400240.0, 3749906.4,      21.0,      21.0,       0.0);         ( 400260.0,
3749906.4,      21.0,      21.0,       0.0);
     ( 400276.5, 3749906.4,      20.9,      20.9,       0.0);         ( 400489.8,
3749906.4,      21.0,      21.0,       0.0);
     ( 400500.0, 3749906.4,      20.9,      20.9,       0.0);         ( 400520.0,
3749906.4,      20.8,      20.8,       0.0);
```

```
     ( 400540.0, 3749906.4,      20.8,      20.8,       0.0);         ( 400560.0,
3749906.4,      20.7,      20.7,       0.0);
     ( 400580.0, 3749906.4,      20.7,      20.7,       0.0);         ( 400600.0,
3749906.4,      20.5,      20.5,       0.0);
     ( 400620.0, 3749906.4,      20.6,      20.6,       0.0);         ( 400640.0,
3749906.4,      20.6,      20.6,       0.0);
     ( 400660.0, 3749906.4,      20.6,      20.6,       0.0);         ( 400680.0,
3749906.4,      20.8,      20.8,       0.0);
     ( 400700.0, 3749906.4,      20.8,      20.8,       0.0);         ( 400720.0,
3749906.4,      20.9,      20.9,       0.0);
     ( 400740.0, 3749906.4,      20.9,      20.9,       0.0);         ( 400760.0,
3749906.4,      20.9,      20.9,       0.0);
     ( 400780.0, 3749906.4,      20.5,      20.5,       0.0);         ( 400800.0,
3749906.4,      20.4,      20.4,       0.0);
     ( 400000.0, 3749926.4,      21.3,      21.3,       0.0);         ( 400020.0,
3749926.4,      21.2,      21.2,       0.0);
     ( 400040.0, 3749926.4,      21.2,      21.2,       0.0);         ( 400060.0,
3749926.4,      21.1,      21.1,       0.0);
     ( 400080.0, 3749926.4,      21.0,      21.0,       0.0);         ( 400100.0,
3749926.4,      21.0,      21.0,       0.0);
     ( 400120.0, 3749926.4,      20.9,      20.9,       0.0);         ( 400140.0,
3749926.4,      20.9,      20.9,       0.0);
     ( 400160.0, 3749926.4,      21.0,      21.0,       0.0);         ( 400180.0,
3749926.4,      20.9,      20.9,       0.0);
     ( 400200.0, 3749926.4,      20.9,      20.9,       0.0);         ( 400220.0,
3749926.4,      20.9,      20.9,       0.0);
     ( 400240.0, 3749926.4,      21.0,      21.0,       0.0);         ( 400260.0,
3749926.4,      21.0,      21.0,       0.0);
     ( 400276.5, 3749926.4,      21.0,      21.0,       0.0);         ( 400489.8,
3749926.4,      21.0,      21.0,       0.0);
     ( 400500.0, 3749926.4,      20.9,      20.9,       0.0);         ( 400520.0,
3749926.4,      20.8,      20.8,       0.0);
     ( 400540.0, 3749926.4,      20.8,      20.8,       0.0);         ( 400560.0,
3749926.4,      20.8,      20.8,       0.0);
     ( 400580.0, 3749926.4,      20.7,      20.7,       0.0);         ( 400600.0,
3749926.4,      20.7,      20.7,       0.0);
     ( 400620.0, 3749926.4,      20.7,      20.7,       0.0);         ( 400640.0,
3749926.4,      20.7,      20.7,       0.0);
     ( 400660.0, 3749926.4,      20.7,      20.7,       0.0);         ( 400680.0,
3749926.4,      20.9,      20.9,       0.0);
```


*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

(400700.0, 3749926.4, 20.8, 20.8, 0.0); (400720.0, 3749926.4, 20.9, 20.9, 0.0);
(400740.0, 3749926.4, 20.9, 20.9, 0.0); (400760.0, 3749926.4, 20.9, 20.9, 0.0);
(400780.0, 3749926.4, 20.5, 20.5, 0.0); (400800.0, 3749926.4, 20.8, 20.8, 0.0);
(400000.0, 3749946.4, 21.4, 21.4, 0.0); (400020.0, 3749946.4, 21.2, 21.2, 0.0);
(400040.0, 3749946.4, 21.2, 21.2, 0.0); (400060.0, 3749946.4, 21.1, 21.1, 0.0);
(400080.0, 3749946.4, 21.1, 21.1, 0.0); (400100.0, 3749946.4, 21.0, 21.0, 0.0);
(400120.0, 3749946.4, 20.9, 20.9, 0.0); (400140.0, 3749946.4, 21.0, 21.0, 0.0);
(400160.0, 3749946.4, 21.0, 21.0, 0.0); (400180.0, 3749946.4, 21.0, 21.0, 0.0);
(400200.0, 3749946.4, 21.0, 21.0, 0.0); (400220.0, 3749946.4, 21.0, 21.0, 0.0);
(400240.0, 3749946.4, 21.0, 21.0, 0.0); (400260.0, 3749946.4, 21.1, 21.1, 0.0);
(400276.5, 3749946.4, 21.0, 21.0, 0.0); (400489.8, 3749946.4, 20.9, 20.9, 0.0);
(400500.0, 3749946.4, 20.9, 20.9, 0.0); (400520.0, 3749946.4, 20.9, 20.9, 0.0);
(400540.0, 3749946.4, 20.8, 20.8, 0.0); (400560.0, 3749946.4, 20.8, 20.8, 0.0);
(400580.0, 3749946.4, 20.7, 20.7, 0.0); (400600.0, 3749946.4, 20.8, 20.8, 0.0);
(400620.0, 3749946.4, 20.8, 20.8, 0.0); (400640.0, 3749946.4, 20.8, 20.8, 0.0);
(400660.0, 3749946.4, 20.8, 20.8, 0.0); (400680.0, 3749946.4, 20.9, 20.9, 0.0);
(400700.0, 3749946.4, 20.8, 20.8, 0.0); (400720.0, 3749946.4, 20.9, 20.9, 0.0);
(400740.0, 3749946.4, 20.9, 20.9, 0.0); (400760.0, 3749946.4, 20.8, 20.8, 0.0);
(400780.0, 3749946.4, 20.6, 20.6, 0.0); (400800.0, 3749946.4, 21.0, 21.0, 0.0);
(400000.0, 3749966.4, 21.5, 21.5, 0.0); (400020.0, 3749966.4, 21.4, 21.4, 0.0);
(400040.0, 3749966.4, 21.3, 21.3, 0.0); (400060.0, 3749966.4, 21.3, 21.3, 0.0);
(400080.0, 3749966.4, 21.3, 21.3, 0.0); (400100.0, 3749966.4, 21.2, 21.2, 0.0);
(400120.0, 3749966.4, 21.1, 21.1, 0.0); (400140.0, 3749966.4, 21.1, 21.1, 0.0);
(400160.0, 3749966.4, 21.0, 21.0, 0.0); (400180.0, 3749966.4, 21.0, 21.0, 0.0);

```
     ( 400200.0, 3749966.4,      21.0,      21.0,       0.0);         ( 400220.0,
3749966.4,      21.1,      21.1,       0.0);
     ( 400240.0, 3749966.4,      21.1,      21.1,       0.0);         ( 400260.0,
3749966.4,      21.2,      21.2,       0.0);
     ( 400276.5, 3749966.4,      21.2,      21.2,       0.0);         ( 400489.8,
3749966.4,      20.9,      20.9,       0.0);
     ( 400500.0, 3749966.4,      20.9,      20.9,       0.0);         ( 400520.0,
3749966.4,      20.8,      20.8,       0.0);
     ( 400540.0, 3749966.4,      20.8,      20.8,       0.0);         ( 400560.0,
3749966.4,      20.7,      20.7,       0.0);
     ( 400580.0, 3749966.4,      20.7,      20.7,       0.0);         ( 400600.0,
3749966.4,      20.6,      20.6,       0.0);
     ( 400620.0, 3749966.4,      20.7,      20.7,       0.0);         ( 400640.0,
3749966.4,      20.7,      20.7,       0.0);
     ( 400660.0, 3749966.4,      20.7,      20.7,       0.0);         ( 400680.0,
3749966.4,      20.7,      20.7,       0.0);
     ( 400700.0, 3749966.4,      20.8,      20.8,       0.0);         ( 400720.0,
3749966.4,      20.8,      20.8,       0.0);
     ( 400740.0, 3749966.4,      20.8,      20.8,       0.0);         ( 400760.0,
3749966.4,      20.8,      20.8,       0.0);
     ( 400780.0, 3749966.4,      20.5,      20.5,       0.0);         ( 400800.0,
3749966.4,      21.1,      21.1,       0.0);
     ( 400000.0, 3749986.4,      21.5,      21.5,       0.0);         ( 400020.0,
3749986.4,      21.4,      21.4,       0.0);
     ( 400040.0, 3749986.4,      21.3,      21.3,       0.0);         ( 400060.0,
3749986.4,      21.3,      21.3,       0.0);
     ( 400080.0, 3749986.4,      21.3,      21.3,       0.0);         ( 400100.0,
3749986.4,      21.2,      21.2,       0.0);
     ( 400120.0, 3749986.4,      21.1,      21.1,       0.0);         ( 400140.0,
3749986.4,      21.0,      21.0,       0.0);
     ( 400160.0, 3749986.4,      21.0,      21.0,       0.0);         ( 400180.0,
3749986.4,      21.0,      21.0,       0.0);
     ( 400200.0, 3749986.4,      21.0,      21.0,       0.0);         ( 400220.0,
3749986.4,      21.1,      21.1,       0.0);
     ( 400240.0, 3749986.4,      21.1,      21.1,       0.0);         ( 400260.0,
3749986.4,      21.2,      21.2,       0.0);
     ( 400276.5, 3749986.4,      21.2,      21.2,       0.0);         ( 400489.8,
3749986.4,      20.9,      20.9,       0.0);
     ( 400500.0, 3749986.4,      21.0,      21.0,       0.0);         ( 400520.0,
3749986.4,      20.9,      20.9,       0.0);
     ( 400540.0, 3749986.4,      20.8,      20.8,       0.0);         ( 400560.0,
3749986.4,      20.8,      20.8,       0.0);
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                           ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                           ***       11:03:40

                                   PAGE 248
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(400580.0, 3749986.4, 20.9, 20.9, 0.0); (400600.0, 3749986.4, 20.8, 20.8, 0.0);
(400620.0, 3749986.4, 20.9, 20.9, 0.0); (400640.0, 3749986.4, 20.9, 20.9, 0.0);
(400660.0, 3749986.4, 20.8, 20.8, 0.0); (400680.0, 3749986.4, 20.8, 20.8, 0.0);
(400700.0, 3749986.4, 20.9, 20.9, 0.0); (400720.0, 3749986.4, 20.9, 20.9, 0.0);
(400740.0, 3749986.4, 20.9, 20.9, 0.0); (400760.0, 3749986.4, 20.9, 20.9, 0.0);
(400780.0, 3749986.4, 20.7, 20.7, 0.0); (400800.0, 3749986.4, 21.3, 21.3, 0.0);
(400000.0, 3750006.4, 21.5, 21.5, 0.0); (400020.0, 3750006.4, 21.4, 21.4, 0.0);
(400040.0, 3750006.4, 21.3, 21.3, 0.0); (400060.0, 3750006.4, 21.2, 21.2, 0.0);
(400080.0, 3750006.4, 21.2, 21.2, 0.0); (400100.0, 3750006.4, 21.1, 21.1, 0.0);
(400120.0, 3750006.4, 21.1, 21.1, 0.0); (400140.0, 3750006.4, 20.8, 20.8, 0.0);
(400160.0, 3750006.4, 20.9, 20.9, 0.0); (400180.0, 3750006.4, 20.9, 20.9, 0.0);
(400200.0, 3750006.4, 21.0, 21.0, 0.0); (400220.0, 3750006.4, 21.0, 21.0, 0.0);
(400240.0, 3750006.4, 21.1, 21.1, 0.0); (400260.0, 3750006.4, 21.2, 21.2, 0.0);
(400276.5, 3750006.4, 21.2, 21.2, 0.0); (400489.8, 3750006.4, 21.1, 21.1, 0.0);
(400500.0, 3750006.4, 21.1, 21.1, 0.0); (400520.0, 3750006.4, 21.0, 21.0, 0.0);
(400540.0, 3750006.4, 20.9, 20.9, 0.0); (400560.0, 3750006.4, 21.0, 21.0, 0.0);
(400580.0, 3750006.4, 21.1, 21.1, 0.0); (400600.0, 3750006.4, 21.0, 21.0, 0.0);
(400620.0, 3750006.4, 21.1, 21.1, 0.0); (400640.0, 3750006.4, 21.1, 21.1, 0.0);
(400660.0, 3750006.4, 21.0, 21.0, 0.0); (400680.0, 3750006.4, 21.0, 21.0, 0.0);
(400700.0, 3750006.4, 21.0, 21.0, 0.0); (400720.0, 3750006.4, 21.0, 21.0, 0.0);
(400740.0, 3750006.4, 21.1, 21.1, 0.0); (400760.0, 3750006.4, 21.1, 21.1, 0.0);
(400780.0, 3750006.4, 20.8, 20.8, 0.0); (400800.0, 3750006.4, 21.4, 21.4, 0.0);
(400000.0, 3750026.4, 21.6, 21.6, 0.0); (400020.0, 3750026.4, 21.5, 21.5, 0.0);

```
     ( 400040.0, 3750026.4,      21.4,      21.4,       0.0);         ( 400060.0,
3750026.4,      21.3,      21.3,       0.0);
     ( 400080.0, 3750026.4,      21.3,      21.3,       0.0);         ( 400100.0,
3750026.4,      21.3,      21.3,       0.0);
     ( 400120.0, 3750026.4,      21.2,      21.2,       0.0);         ( 400140.0,
3750026.4,      21.0,      21.0,       0.0);
     ( 400160.0, 3750026.4,      21.0,      21.0,       0.0);         ( 400180.0,
3750026.4,      21.1,      21.1,       0.0);
     ( 400200.0, 3750026.4,      21.2,      21.2,       0.0);         ( 400220.0,
3750026.4,      21.2,      21.2,       0.0);
     ( 400240.0, 3750026.4,      21.3,      21.3,       0.0);         ( 400260.0,
3750026.4,      21.4,      21.4,       0.0);
     ( 400276.5, 3750026.4,      21.5,      21.5,       0.0);         ( 400300.6,
3750033.1,      21.9,      21.9,       0.0);
     ( 400320.6, 3750033.1,      21.9,      21.9,       0.0);         ( 400340.6,
3750033.1,      21.9,      21.9,       0.0);
     ( 400360.6, 3750033.1,      21.7,      21.7,       0.0);         ( 400380.6,
3750033.1,      21.6,      21.6,       0.0);
     ( 400400.6, 3750033.1,      21.5,      21.5,       0.0);         ( 400420.6,
3750033.1,      21.5,      21.5,       0.0);
     ( 400440.6, 3750033.1,      21.1,      21.1,       0.0);         ( 400460.6,
3750033.1,      21.2,      21.2,       0.0);
     ( 400489.8, 3750026.4,      21.3,      21.3,       0.0);         ( 400500.0,
3750026.4,      21.2,      21.2,       0.0);
     ( 400520.0, 3750026.4,      21.0,      21.0,       0.0);         ( 400540.0,
3750026.4,      21.0,      21.0,       0.0);
     ( 400560.0, 3750026.4,      21.0,      21.0,       0.0);         ( 400580.0,
3750026.4,      21.1,      21.1,       0.0);
     ( 400600.0, 3750026.4,      21.1,      21.1,       0.0);         ( 400620.0,
3750026.4,      21.1,      21.1,       0.0);
     ( 400640.0, 3750026.4,      21.1,      21.1,       0.0);         ( 400660.0,
3750026.4,      21.1,      21.1,       0.0);
     ( 400680.0, 3750026.4,      21.2,      21.2,       0.0);         ( 400700.0,
3750026.4,      21.1,      21.1,       0.0);
     ( 400720.0, 3750026.4,      21.1,      21.1,       0.0);         ( 400740.0,
3750026.4,      21.1,      21.1,       0.0);
     ( 400760.0, 3750026.4,      21.2,      21.2,       0.0);         ( 400780.0,
3750026.4,      20.9,      20.9,       0.0);
     ( 400800.0, 3750026.4,      21.1,      21.1,       0.0);         ( 400000.0,
3750046.4,      21.6,      21.6,       0.0);
     ( 400020.0, 3750046.4,      21.5,      21.5,       0.0);         ( 400040.0,
3750046.4,      21.4,      21.4,       0.0);
     ( 400060.0, 3750046.4,      21.4,      21.4,       0.0);         ( 400080.0,
3750046.4,      21.4,      21.4,       0.0);
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                           ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                           ***       11:03:40
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(400100.0, 3750046.4, 21.4, 21.4, 0.0); (400120.0, 3750046.4, 21.3, 21.3, 0.0);
(400140.0, 3750046.4, 21.2, 21.2, 0.0); (400160.0, 3750046.4, 21.2, 21.2, 0.0);
(400180.0, 3750046.4, 21.2, 21.2, 0.0); (400200.0, 3750046.4, 21.3, 21.3, 0.0);
(400220.0, 3750046.4, 21.3, 21.3, 0.0); (400240.0, 3750046.4, 21.3, 21.3, 0.0);
(400260.0, 3750046.4, 21.5, 21.5, 0.0); (400280.0, 3750046.4, 21.7, 21.7, 0.0);
(400300.0, 3750046.4, 21.9, 21.9, 0.0); (400320.0, 3750046.4, 21.8, 21.8, 0.0);
(400340.0, 3750046.4, 21.9, 21.9, 0.0); (400360.0, 3750046.4, 21.8, 21.8, 0.0);
(400380.0, 3750046.4, 21.5, 21.5, 0.0); (400400.0, 3750046.4, 21.2, 21.2, 0.0);
(400420.0, 3750046.4, 21.2, 21.2, 0.0); (400440.0, 3750046.4, 21.0, 21.0, 0.0);
(400460.0, 3750046.4, 21.2, 21.2, 0.0); (400480.0, 3750046.4, 21.6, 21.6, 0.0);
(400500.0, 3750046.4, 21.2, 21.2, 0.0); (400520.0, 3750046.4, 21.1, 21.1, 0.0);
(400540.0, 3750046.4, 21.1, 21.1, 0.0); (400560.0, 3750046.4, 21.1, 21.1, 0.0);
(400580.0, 3750046.4, 21.2, 21.2, 0.0); (400600.0, 3750046.4, 21.2, 21.2, 0.0);
(400620.0, 3750046.4, 21.1, 21.1, 0.0); (400640.0, 3750046.4, 21.1, 21.1, 0.0);
(400660.0, 3750046.4, 21.2, 21.2, 0.0); (400680.0, 3750046.4, 21.2, 21.2, 0.0);
(400700.0, 3750046.4, 21.2, 21.2, 0.0); (400720.0, 3750046.4, 21.2, 21.2, 0.0);
(400740.0, 3750046.4, 21.2, 21.2, 0.0); (400760.0, 3750046.4, 21.2, 21.2, 0.0);
(400780.0, 3750046.4, 21.0, 21.0, 0.0); (400800.0, 3750046.4, 21.0, 21.0, 0.0);
(400000.0, 3750066.4, 21.5, 21.5, 0.0); (400020.0, 3750066.4, 21.5, 21.5, 0.0);
(400040.0, 3750066.4, 21.4, 21.4, 0.0); (400060.0, 3750066.4, 21.5, 21.5, 0.0);
(400080.0, 3750066.4, 21.5, 21.5, 0.0); (400100.0, 3750066.4, 21.5, 21.5, 0.0);
(400120.0, 3750066.4, 21.4, 21.4, 0.0); (400140.0, 3750066.4, 21.2, 21.2, 0.0);

```
     ( 400160.0, 3750066.4,      21.2,      21.2,       0.0);         ( 400180.0,
3750066.4,      21.2,      21.2,       0.0);
     ( 400200.0, 3750066.4,      21.2,      21.2,       0.0);         ( 400220.0,
3750066.4,      21.3,      21.3,       0.0);
     ( 400240.0, 3750066.4,      21.3,      21.3,       0.0);         ( 400260.0,
3750066.4,      21.5,      21.5,       0.0);
     ( 400280.0, 3750066.4,      21.7,      21.7,       0.0);         ( 400300.0,
3750066.4,      21.9,      21.9,       0.0);
     ( 400320.0, 3750066.4,      21.3,      21.3,       0.0);         ( 400340.0,
3750066.4,      21.7,      21.7,       0.0);
     ( 400360.0, 3750066.4,      21.7,      21.7,       0.0);         ( 400380.0,
3750066.4,      21.3,      21.3,       0.0);
     ( 400400.0, 3750066.4,      20.8,      20.8,       0.0);         ( 400420.0,
3750066.4,      20.8,      20.8,       0.0);
     ( 400440.0, 3750066.4,      20.9,      20.9,       0.0);         ( 400460.0,
3750066.4,      21.3,      21.3,       0.0);
     ( 400480.0, 3750066.4,      21.7,      21.7,       0.0);         ( 400500.0,
3750066.4,      21.2,      21.2,       0.0);
     ( 400520.0, 3750066.4,      21.2,      21.2,       0.0);         ( 400540.0,
3750066.4,      21.2,      21.2,       0.0);
     ( 400560.0, 3750066.4,      21.2,      21.2,       0.0);         ( 400580.0,
3750066.4,      21.2,      21.2,       0.0);
     ( 400600.0, 3750066.4,      21.2,      21.2,       0.0);         ( 400620.0,
3750066.4,      21.2,      21.2,       0.0);
     ( 400640.0, 3750066.4,      21.2,      21.2,       0.0);         ( 400660.0,
3750066.4,      21.3,      21.3,       0.0);
     ( 400680.0, 3750066.4,      21.3,      21.3,       0.0);         ( 400700.0,
3750066.4,      21.3,      21.3,       0.0);
     ( 400720.0, 3750066.4,      21.2,      21.2,       0.0);         ( 400740.0,
3750066.4,      21.2,      21.2,       0.0);
     ( 400760.0, 3750066.4,      21.2,      21.2,       0.0);         ( 400780.0,
3750066.4,      21.1,      21.1,       0.0);
     ( 400800.0, 3750066.4,      21.0,      21.0,       0.0);         ( 400000.0,
3750086.4,      21.6,      21.6,       0.0);
     ( 400020.0, 3750086.4,      21.6,      21.6,       0.0);         ( 400040.0,
3750086.4,      21.6,      21.6,       0.0);
     ( 400060.0, 3750086.4,      21.6,      21.6,       0.0);         ( 400080.0,
3750086.4,      21.6,      21.6,       0.0);
     ( 400100.0, 3750086.4,      21.6,      21.6,       0.0);         ( 400120.0,
3750086.4,      21.5,      21.5,       0.0);
     ( 400140.0, 3750086.4,      21.3,      21.3,       0.0);         ( 400160.0,
3750086.4,      21.4,      21.4,       0.0);
     ( 400180.0, 3750086.4,      21.4,      21.4,       0.0);         ( 400200.0,
3750086.4,      21.4,      21.4,       0.0);
     ( 400220.0, 3750086.4,      21.4,      21.4,       0.0);         ( 400240.0,
3750086.4,      21.4,      21.4,       0.0);
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                           ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                           ***       11:03:40
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(400260.0, 3750086.4, 21.6, 21.6, 0.0); (400280.0, 3750086.4, 21.7, 21.7, 0.0);
(400300.0, 3750086.4, 21.8, 21.8, 0.0); (400320.0, 3750086.4, 21.2, 21.2, 0.0);
(400340.0, 3750086.4, 21.7, 21.7, 0.0); (400360.0, 3750086.4, 21.8, 21.8, 0.0);
(400380.0, 3750086.4, 21.5, 21.5, 0.0); (400400.0, 3750086.4, 21.4, 21.4, 0.0);
(400420.0, 3750086.4, 21.4, 21.4, 0.0); (400440.0, 3750086.4, 21.2, 21.2, 0.0);
(400460.0, 3750086.4, 21.3, 21.3, 0.0); (400480.0, 3750086.4, 21.7, 21.7, 0.0);
(400500.0, 3750086.4, 21.3, 21.3, 0.0); (400520.0, 3750086.4, 21.2, 21.2, 0.0);
(400540.0, 3750086.4, 21.3, 21.3, 0.0); (400560.0, 3750086.4, 21.4, 21.4, 0.0);
(400580.0, 3750086.4, 21.2, 21.2, 0.0); (400600.0, 3750086.4, 21.3, 21.3, 0.0);
(400620.0, 3750086.4, 21.4, 21.4, 0.0); (400640.0, 3750086.4, 21.5, 21.5, 0.0);
(400660.0, 3750086.4, 21.5, 21.5, 0.0); (400680.0, 3750086.4, 21.5, 21.5, 0.0);
(400700.0, 3750086.4, 21.4, 21.4, 0.0); (400720.0, 3750086.4, 21.4, 21.4, 0.0);
(400740.0, 3750086.4, 21.3, 21.3, 0.0); (400760.0, 3750086.4, 21.2, 21.2, 0.0);
(400780.0, 3750086.4, 21.1, 21.1, 0.0); (400800.0, 3750086.4, 21.3, 21.3, 0.0);
(400000.0, 3750106.4, 21.8, 21.8, 0.0); (400020.0, 3750106.4, 21.8, 21.8, 0.0);
(400040.0, 3750106.4, 21.7, 21.7, 0.0); (400060.0, 3750106.4, 21.7, 21.7, 0.0);
(400080.0, 3750106.4, 21.7, 21.7, 0.0); (400100.0, 3750106.4, 21.7, 21.7, 0.0);
(400120.0, 3750106.4, 21.6, 21.6, 0.0); (400140.0, 3750106.4, 21.4, 21.4, 0.0);
(400160.0, 3750106.4, 21.4, 21.4, 0.0); (400180.0, 3750106.4, 21.5, 21.5, 0.0);
(400200.0, 3750106.4, 21.5, 21.5, 0.0); (400220.0, 3750106.4, 21.4, 21.4, 0.0);
(400240.0, 3750106.4, 21.6, 21.6, 0.0); (400260.0, 3750106.4, 21.7, 21.7, 0.0);

```
     ( 400280.0, 3750106.4,      21.8,      21.8,       0.0);         ( 400300.0,
3750106.4,      21.7,      21.7,       0.0);
     ( 400320.0, 3750106.4,      21.1,      21.1,       0.0);         ( 400340.0,
3750106.4,      21.6,      21.6,       0.0);
     ( 400360.0, 3750106.4,      21.7,      21.7,       0.0);         ( 400380.0,
3750106.4,      21.6,      21.6,       0.0);
     ( 400400.0, 3750106.4,      21.6,      21.6,       0.0);         ( 400420.0,
3750106.4,      21.5,      21.5,       0.0);
     ( 400440.0, 3750106.4,      21.2,      21.2,       0.0);         ( 400460.0,
3750106.4,      21.2,      21.2,       0.0);
     ( 400480.0, 3750106.4,      21.5,      21.5,       0.0);         ( 400500.0,
3750106.4,      21.2,      21.2,       0.0);
     ( 400520.0, 3750106.4,      21.2,      21.2,       0.0);         ( 400540.0,
3750106.4,      21.2,      21.2,       0.0);
     ( 400560.0, 3750106.4,      21.3,      21.3,       0.0);         ( 400580.0,
3750106.4,      21.2,      21.2,       0.0);
     ( 400600.0, 3750106.4,      21.3,      21.3,       0.0);         ( 400620.0,
3750106.4,      21.4,      21.4,       0.0);
     ( 400640.0, 3750106.4,      21.4,      21.4,       0.0);         ( 400660.0,
3750106.4,      21.4,      21.4,       0.0);
     ( 400680.0, 3750106.4,      21.4,      21.4,       0.0);         ( 400700.0,
3750106.4,      21.4,      21.4,       0.0);
     ( 400720.0, 3750106.4,      21.4,      21.4,       0.0);         ( 400740.0,
3750106.4,      21.4,      21.4,       0.0);
     ( 400760.0, 3750106.4,      21.3,      21.3,       0.0);         ( 400780.0,
3750106.4,      21.2,      21.2,       0.0);
     ( 400800.0, 3750106.4,      21.4,      21.4,       0.0);         ( 400000.0,
3750126.4,      22.2,      22.2,       0.0);
     ( 400020.0, 3750126.4,      22.1,      22.1,       0.0);         ( 400040.0,
3750126.4,      21.8,      21.8,       0.0);
     ( 400060.0, 3750126.4,      21.8,      21.8,       0.0);         ( 400080.0,
3750126.4,      21.8,      21.8,       0.0);
     ( 400100.0, 3750126.4,      21.8,      21.8,       0.0);         ( 400120.0,
3750126.4,      21.7,      21.7,       0.0);
     ( 400140.0, 3750126.4,      21.4,      21.4,       0.0);         ( 400160.0,
3750126.4,      21.5,      21.5,       0.0);
     ( 400180.0, 3750126.4,      21.6,      21.6,       0.0);         ( 400200.0,
3750126.4,      21.6,      21.6,       0.0);
     ( 400220.0, 3750126.4,      21.5,      21.5,       0.0);         ( 400240.0,
3750126.4,      21.6,      21.6,       0.0);
     ( 400260.0, 3750126.4,      21.8,      21.8,       0.0);         ( 400280.0,
3750126.4,      21.8,      21.8,       0.0);
     ( 400300.0, 3750126.4,      21.7,      21.7,       0.0);         ( 400320.0,
3750126.4,      21.1,      21.1,       0.0);
     ( 400340.0, 3750126.4,      21.6,      21.6,       0.0);         ( 400360.0,
3750126.4,      21.6,      21.6,       0.0);
     ( 400380.0, 3750126.4,      21.3,      21.3,       0.0);         ( 400400.0,
3750126.4,      21.4,      21.4,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(400420.0, 3750126.4, 21.4, 21.4, 0.0); (400440.0, 3750126.4, 21.1, 21.1, 0.0);
(400460.0, 3750126.4, 21.0, 21.0, 0.0); (400480.0, 3750126.4, 21.0, 21.0, 0.0);
(400500.0, 3750126.4, 21.2, 21.2, 0.0); (400520.0, 3750126.4, 21.2, 21.2, 0.0);
(400540.0, 3750126.4, 21.2, 21.2, 0.0); (400560.0, 3750126.4, 21.1, 21.1, 0.0);
(400580.0, 3750126.4, 21.1, 21.1, 0.0); (400600.0, 3750126.4, 21.2, 21.2, 0.0);
(400620.0, 3750126.4, 21.2, 21.2, 0.0); (400640.0, 3750126.4, 21.3, 21.3, 0.0);
(400660.0, 3750126.4, 21.3, 21.3, 0.0); (400680.0, 3750126.4, 21.3, 21.3, 0.0);
(400700.0, 3750126.4, 21.4, 21.4, 0.0); (400720.0, 3750126.4, 21.4, 21.4, 0.0);
(400740.0, 3750126.4, 21.4, 21.4, 0.0); (400760.0, 3750126.4, 21.4, 21.4, 0.0);
(400780.0, 3750126.4, 21.3, 21.3, 0.0); (400800.0, 3750126.4, 21.4, 21.4, 0.0);
(400000.0, 3750146.4, 22.3, 22.3, 0.0); (400020.0, 3750146.4, 22.2, 22.2, 0.0);
(400040.0, 3750146.4, 21.8, 21.8, 0.0); (400060.0, 3750146.4, 21.8, 21.8, 0.0);
(400080.0, 3750146.4, 21.8, 21.8, 0.0); (400100.0, 3750146.4, 21.8, 21.8, 0.0);
(400120.0, 3750146.4, 21.9, 21.9, 0.0); (400140.0, 3750146.4, 21.5, 21.5, 0.0);
(400160.0, 3750146.4, 21.6, 21.6, 0.0); (400180.0, 3750146.4, 21.7, 21.7, 0.0);
(400200.0, 3750146.4, 21.7, 21.7, 0.0); (400220.0, 3750146.4, 21.6, 21.6, 0.0);
(400240.0, 3750146.4, 21.7, 21.7, 0.0); (400260.0, 3750146.4, 21.8, 21.8, 0.0);
(400280.0, 3750146.4, 21.9, 21.9, 0.0); (400300.0, 3750146.4, 21.7, 21.7, 0.0);
(400320.0, 3750146.4, 21.1, 21.1, 0.0); (400340.0, 3750146.4, 21.6, 21.6, 0.0);
(400360.0, 3750146.4, 21.7, 21.7, 0.0); (400380.0, 3750146.4, 21.6, 21.6, 0.0);

```
     ( 400400.0, 3750146.4,      21.6,      21.6,       0.0);         ( 400420.0,
3750146.4,      21.2,      21.2,       0.0);
     ( 400440.0, 3750146.4,      21.3,      21.3,       0.0);         ( 400460.0,
3750146.4,      21.5,      21.5,       0.0);
     ( 400480.0, 3750146.4,      21.6,      21.6,       0.0);         ( 400500.0,
3750146.4,      21.5,      21.5,       0.0);
     ( 400520.0, 3750146.4,      21.5,      21.5,       0.0);         ( 400540.0,
3750146.4,      21.4,      21.4,       0.0);
     ( 400560.0, 3750146.4,      21.4,      21.4,       0.0);         ( 400580.0,
3750146.4,      21.4,      21.4,       0.0);
     ( 400600.0, 3750146.4,      21.5,      21.5,       0.0);         ( 400620.0,
3750146.4,      21.5,      21.5,       0.0);
     ( 400640.0, 3750146.4,      21.5,      21.5,       0.0);         ( 400660.0,
3750146.4,      21.6,      21.6,       0.0);
     ( 400680.0, 3750146.4,      21.6,      21.6,       0.0);         ( 400700.0,
3750146.4,      21.6,      21.6,       0.0);
     ( 400720.0, 3750146.4,      21.6,      21.6,       0.0);         ( 400740.0,
3750146.4,      21.6,      21.6,       0.0);
     ( 400760.0, 3750146.4,      21.6,      21.6,       0.0);         ( 400780.0,
3750146.4,      21.4,      21.4,       0.0);
     ( 400800.0, 3750146.4,      21.5,      21.5,       0.0);         ( 400000.0,
3750166.4,      22.4,      22.4,       0.0);
     ( 400020.0, 3750166.4,      22.3,      22.3,       0.0);         ( 400040.0,
3750166.4,      21.9,      21.9,       0.0);
     ( 400060.0, 3750166.4,      21.9,      21.9,       0.0);         ( 400080.0,
3750166.4,      21.9,      21.9,       0.0);
     ( 400100.0, 3750166.4,      21.9,      21.9,       0.0);         ( 400120.0,
3750166.4,      22.0,      22.0,       0.0);
     ( 400140.0, 3750166.4,      21.6,      21.6,       0.0);         ( 400160.0,
3750166.4,      21.6,      21.6,       0.0);
     ( 400180.0, 3750166.4,      21.8,      21.8,       0.0);         ( 400200.0,
3750166.4,      21.9,      21.9,       0.0);
     ( 400220.0, 3750166.4,      21.8,      21.8,       0.0);         ( 400240.0,
3750166.4,      21.8,      21.8,       0.0);
     ( 400260.0, 3750166.4,      21.9,      21.9,       0.0);         ( 400280.0,
3750166.4,      22.0,      22.0,       0.0);
     ( 400300.0, 3750166.4,      22.0,      22.0,       0.0);         ( 400320.0,
3750166.4,      21.5,      21.5,       0.0);
     ( 400340.0, 3750166.4,      21.7,      21.7,       0.0);         ( 400360.0,
3750166.4,      21.8,      21.8,       0.0);
     ( 400380.0, 3750166.4,      21.8,      21.8,       0.0);         ( 400400.0,
3750166.4,      21.7,      21.7,       0.0);
     ( 400420.0, 3750166.4,      21.2,      21.2,       0.0);         ( 400440.0,
3750166.4,      21.4,      21.4,       0.0);
     ( 400460.0, 3750166.4,      21.9,      21.9,       0.0);         ( 400480.0,
3750166.4,      21.9,      21.9,       0.0);
     ( 400500.0, 3750166.4,      21.7,      21.7,       0.0);         ( 400520.0,
3750166.4,      21.7,      21.7,       0.0);
     ( 400540.0, 3750166.4,      21.6,      21.6,       0.0);         ( 400560.0,
3750166.4,      21.6,      21.6,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(400580.0, 3750166.4, 21.5, 21.5, 0.0); (400600.0, 3750166.4, 21.7, 21.7, 0.0);
(400620.0, 3750166.4, 21.7, 21.7, 0.0); (400640.0, 3750166.4, 21.7, 21.7, 0.0);
(400660.0, 3750166.4, 21.7, 21.7, 0.0); (400680.0, 3750166.4, 21.8, 21.8, 0.0);
(400700.0, 3750166.4, 21.8, 21.8, 0.0); (400720.0, 3750166.4, 21.7, 21.7, 0.0);
(400740.0, 3750166.4, 21.7, 21.7, 0.0); (400760.0, 3750166.4, 21.8, 21.8, 0.0);
(400780.0, 3750166.4, 21.5, 21.5, 0.0); (400800.0, 3750166.4, 21.5, 21.5, 0.0);
(400000.0, 3750186.4, 22.4, 22.4, 0.0); (400020.0, 3750186.4, 22.4, 22.4, 0.0);
(400040.0, 3750186.4, 22.2, 22.2, 0.0); (400060.0, 3750186.4, 22.2, 22.2, 0.0);
(400080.0, 3750186.4, 22.2, 22.2, 0.0); (400100.0, 3750186.4, 22.2, 22.2, 0.0);
(400120.0, 3750186.4, 22.3, 22.3, 0.0); (400140.0, 3750186.4, 21.8, 21.8, 0.0);
(400160.0, 3750186.4, 21.8, 21.8, 0.0); (400180.0, 3750186.4, 22.0, 22.0, 0.0);
(400200.0, 3750186.4, 22.2, 22.2, 0.0); (400220.0, 3750186.4, 22.2, 22.2, 0.0);
(400240.0, 3750186.4, 22.2, 22.2, 0.0); (400260.0, 3750186.4, 22.2, 22.2, 0.0);
(400280.0, 3750186.4, 22.4, 22.4, 0.0); (400300.0, 3750186.4, 22.8, 22.8, 0.0);
(400320.0, 3750186.4, 22.5, 22.5, 0.0); (400340.0, 3750186.4, 22.1, 22.1, 0.0);
(400360.0, 3750186.4, 22.0, 22.0, 0.0); (400380.0, 3750186.4, 22.0, 22.0, 0.0);
(400400.0, 3750186.4, 21.8, 21.8, 0.0); (400420.0, 3750186.4, 21.3, 21.3, 0.0);
(400440.0, 3750186.4, 21.5, 21.5, 0.0); (400460.0, 3750186.4, 21.9, 21.9, 0.0);
(400480.0, 3750186.4, 22.0, 22.0, 0.0); (400500.0, 3750186.4, 21.8, 21.8, 0.0);

```
    ( 400520.0, 3750186.4,      21.7,      21.7,       0.0);         ( 400540.0,
3750186.4,      21.7,      21.7,       0.0);
    ( 400560.0, 3750186.4,      21.6,      21.6,       0.0);         ( 400580.0,
3750186.4,      21.6,      21.6,       0.0);
    ( 400600.0, 3750186.4,      21.7,      21.7,       0.0);         ( 400620.0,
3750186.4,      21.8,      21.8,       0.0);
    ( 400640.0, 3750186.4,      21.9,      21.9,       0.0);         ( 400660.0,
3750186.4,      21.8,      21.8,       0.0);
    ( 400680.0, 3750186.4,      21.8,      21.8,       0.0);         ( 400700.0,
3750186.4,      21.8,      21.8,       0.0);
    ( 400720.0, 3750186.4,      21.8,      21.8,       0.0);         ( 400740.0,
3750186.4,      21.8,      21.8,       0.0);
    ( 400760.0, 3750186.4,      22.0,      22.0,       0.0);         ( 400780.0,
3750186.4,      21.6,      21.6,       0.0);
    ( 400800.0, 3750186.4,      21.6,      21.6,       0.0);         ( 400000.0,
3750206.4,      22.3,      22.3,       0.0);
    ( 400020.0, 3750206.4,      22.4,      22.4,       0.0);         ( 400040.0,
3750206.4,      22.2,      22.2,       0.0);
    ( 400060.0, 3750206.4,      22.3,      22.3,       0.0);         ( 400080.0,
3750206.4,      22.3,      22.3,       0.0);
    ( 400100.0, 3750206.4,      22.3,      22.3,       0.0);         ( 400120.0,
3750206.4,      22.2,      22.2,       0.0);
    ( 400140.0, 3750206.4,      22.0,      22.0,       0.0);         ( 400160.0,
3750206.4,      22.0,      22.0,       0.0);
    ( 400180.0, 3750206.4,      22.1,      22.1,       0.0);         ( 400200.0,
3750206.4,      22.3,      22.3,       0.0);
    ( 400220.0, 3750206.4,      22.4,      22.4,       0.0);         ( 400240.0,
3750206.4,      22.3,      22.3,       0.0);
    ( 400260.0, 3750206.4,      22.3,      22.3,       0.0);         ( 400280.0,
3750206.4,      22.4,      22.4,       0.0);
    ( 400300.0, 3750206.4,      22.5,      22.5,       0.0);         ( 400320.0,
3750206.4,      22.4,      22.4,       0.0);
    ( 400340.0, 3750206.4,      22.1,      22.1,       0.0);         ( 400360.0,
3750206.4,      22.1,      22.1,       0.0);
    ( 400380.0, 3750206.4,      22.1,      22.1,       0.0);         ( 400400.0,
3750206.4,      22.0,      22.0,       0.0);
    ( 400420.0, 3750206.4,      21.7,      21.7,       0.0);         ( 400440.0,
3750206.4,      21.8,      21.8,       0.0);
    ( 400460.0, 3750206.4,      21.9,      21.9,       0.0);         ( 400480.0,
3750206.4,      22.0,      22.0,       0.0);
    ( 400500.0, 3750206.4,      21.9,      21.9,       0.0);         ( 400520.0,
3750206.4,      21.8,      21.8,       0.0);
    ( 400540.0, 3750206.4,      21.8,      21.8,       0.0);         ( 400560.0,
3750206.4,      21.8,      21.8,       0.0);
    ( 400580.0, 3750206.4,      21.8,      21.8,       0.0);         ( 400600.0,
3750206.4,      21.8,      21.8,       0.0);
    ( 400620.0, 3750206.4,      21.9,      21.9,       0.0);         ( 400640.0,
3750206.4,      21.9,      21.9,       0.0);
    ( 400660.0, 3750206.4,      21.9,      21.9,       0.0);         ( 400680.0,
3750206.4,      21.9,      21.9,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(400740.0, 3750206.4, 21.8, 21.8, 0.0); (400760.0, 3750206.4, 21.8, 21.8, 0.0);
(400780.0, 3750206.4, 21.7, 21.7, 0.0); (400800.0, 3750206.4, 21.6, 21.6, 0.0);
(400000.0, 3750226.4, 22.2, 22.2, 0.0); (400020.0, 3750226.4, 22.2, 22.2, 0.0);
(400040.0, 3750226.4, 22.3, 22.3, 0.0); (400060.0, 3750226.4, 22.3, 22.3, 0.0);
(400080.0, 3750226.4, 22.3, 22.3, 0.0); (400100.0, 3750226.4, 22.3, 22.3, 0.0);
(400120.0, 3750226.4, 22.2, 22.2, 0.0); (400140.0, 3750226.4, 22.1, 22.1, 0.0);
(400160.0, 3750226.4, 22.1, 22.1, 0.0); (400180.0, 3750226.4, 22.2, 22.2, 0.0);
(400200.0, 3750226.4, 22.3, 22.3, 0.0); (400220.0, 3750226.4, 22.4, 22.4, 0.0);
(400240.0, 3750226.4, 22.3, 22.3, 0.0); (400260.0, 3750226.4, 22.3, 22.3, 0.0);
(400280.0, 3750226.4, 22.3, 22.3, 0.0); (400300.0, 3750226.4, 22.2, 22.2, 0.0);
(400320.0, 3750226.4, 22.2, 22.2, 0.0); (400340.0, 3750226.4, 22.1, 22.1, 0.0);
(400360.0, 3750226.4, 22.1, 22.1, 0.0); (400380.0, 3750226.4, 22.1, 22.1, 0.0);
(400400.0, 3750226.4, 22.1, 22.1, 0.0); (400420.0, 3750226.4, 22.1, 22.1, 0.0);
(400440.0, 3750226.4, 22.1, 22.1, 0.0); (400460.0, 3750226.4, 22.1, 22.1, 0.0);
(400480.0, 3750226.4, 22.0, 22.0, 0.0); (400500.0, 3750226.4, 22.0, 22.0, 0.0);
(400520.0, 3750226.4, 22.0, 22.0, 0.0); (400540.0, 3750226.4, 21.9, 21.9, 0.0);
(400560.0, 3750226.4, 21.9, 21.9, 0.0); (400580.0, 3750226.4, 21.9, 21.9, 0.0);
(400600.0, 3750226.4, 22.0, 22.0, 0.0); (400620.0, 3750226.4, 22.0, 22.0, 0.0);

```
     ( 400640.0, 3750226.4,      22.0,      22.0,       0.0);         ( 400660.0,
3750226.4,      22.0,      22.0,       0.0);
     ( 400680.0, 3750226.4,      22.0,      22.0,       0.0);         ( 400700.0,
3750226.4,      21.9,      21.9,       0.0);
     ( 400720.0, 3750226.4,      21.8,      21.8,       0.0);         ( 400740.0,
3750226.4,      21.8,      21.8,       0.0);
     ( 400760.0, 3750226.4,      21.8,      21.8,       0.0);         ( 400780.0,
3750226.4,      21.7,      21.7,       0.0);
     ( 400800.0, 3750226.4,      21.7,      21.7,       0.0);         ( 400000.0,
3750246.4,      22.4,      22.4,       0.0);
     ( 400020.0, 3750246.4,      22.4,      22.4,       0.0);         ( 400040.0,
3750246.4,      22.3,      22.3,       0.0);
     ( 400060.0, 3750246.4,      22.3,      22.3,       0.0);         ( 400080.0,
3750246.4,      22.2,      22.2,       0.0);
     ( 400100.0, 3750246.4,      22.2,      22.2,       0.0);         ( 400120.0,
3750246.4,      22.2,      22.2,       0.0);
     ( 400140.0, 3750246.4,      22.2,      22.2,       0.0);         ( 400160.0,
3750246.4,      22.2,      22.2,       0.0);
     ( 400180.0, 3750246.4,      22.3,      22.3,       0.0);         ( 400200.0,
3750246.4,      22.3,      22.3,       0.0);
     ( 400220.0, 3750246.4,      22.4,      22.4,       0.0);         ( 400240.0,
3750246.4,      22.4,      22.4,       0.0);
     ( 400260.0, 3750246.4,      22.5,      22.5,       0.0);         ( 400280.0,
3750246.4,      22.5,      22.5,       0.0);
     ( 400300.0, 3750246.4,      22.2,      22.2,       0.0);         ( 400320.0,
3750246.4,      22.2,      22.2,       0.0);
     ( 400340.0, 3750246.4,      22.0,      22.0,       0.0);         ( 400360.0,
3750246.4,      22.1,      22.1,       0.0);
     ( 400380.0, 3750246.4,      22.2,      22.2,       0.0);         ( 400400.0,
3750246.4,      22.2,      22.2,       0.0);
     ( 400420.0, 3750246.4,      22.2,      22.2,       0.0);         ( 400440.0,
3750246.4,      22.2,      22.2,       0.0);
     ( 400460.0, 3750246.4,      22.2,      22.2,       0.0);         ( 400480.0,
3750246.4,      22.2,      22.2,       0.0);
     ( 400500.0, 3750246.4,      22.1,      22.1,       0.0);         ( 400520.0,
3750246.4,      22.1,      22.1,       0.0);
     ( 400540.0, 3750246.4,      22.0,      22.0,       0.0);         ( 400560.0,
3750246.4,      22.0,      22.0,       0.0);
     ( 400580.0, 3750246.4,      22.1,      22.1,       0.0);         ( 400600.0,
3750246.4,      22.1,      22.1,       0.0);
     ( 400620.0, 3750246.4,      22.2,      22.2,       0.0);         ( 400640.0,
3750246.4,      22.1,      22.1,       0.0);
     ( 400660.0, 3750246.4,      22.1,      22.1,       0.0);         ( 400680.0,
3750246.4,      22.1,      22.1,       0.0);
     ( 400700.0, 3750246.4,      22.0,      22.0,       0.0);         ( 400720.0,
3750246.4,      22.0,      22.0,       0.0);
     ( 400740.0, 3750246.4,      22.0,      22.0,       0.0);         ( 400760.0,
3750246.4,      21.9,      21.9,       0.0);
     ( 400780.0, 3750246.4,      21.7,      21.7,       0.0);         ( 400800.0,
3750246.4,      21.9,      21.9,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(400080.0, 3750266.4, 22.2, 22.2, 0.0); (400100.0, 3750266.4, 22.2, 22.2, 0.0);
(400120.0, 3750266.4, 22.2, 22.2, 0.0); (400140.0, 3750266.4, 22.2, 22.2, 0.0);
(400160.0, 3750266.4, 22.2, 22.2, 0.0); (400180.0, 3750266.4, 22.3, 22.3, 0.0);
(400200.0, 3750266.4, 22.3, 22.3, 0.0); (400220.0, 3750266.4, 22.3, 22.3, 0.0);
(400240.0, 3750266.4, 22.3, 22.3, 0.0); (400260.0, 3750266.4, 22.4, 22.4, 0.0);
(400280.0, 3750266.4, 22.4, 22.4, 0.0); (400300.0, 3750266.4, 22.3, 22.3, 0.0);
(400320.0, 3750266.4, 22.2, 22.2, 0.0); (400340.0, 3750266.4, 22.0, 22.0, 0.0);
(400360.0, 3750266.4, 22.1, 22.1, 0.0); (400380.0, 3750266.4, 22.2, 22.2, 0.0);
(400400.0, 3750266.4, 22.2, 22.2, 0.0); (400420.0, 3750266.4, 22.1, 22.1, 0.0);
(400440.0, 3750266.4, 22.1, 22.1, 0.0); (400460.0, 3750266.4, 22.1, 22.1, 0.0);
(400480.0, 3750266.4, 22.1, 22.1, 0.0); (400500.0, 3750266.4, 22.1, 22.1, 0.0);
(400520.0, 3750266.4, 22.1, 22.1, 0.0); (400540.0, 3750266.4, 22.0, 22.0, 0.0);
(400560.0, 3750266.4, 22.0, 22.0, 0.0); (400580.0, 3750266.4, 22.0, 22.0, 0.0);
(400600.0, 3750266.4, 22.1, 22.1, 0.0); (400620.0, 3750266.4, 22.2, 22.2, 0.0);
(400640.0, 3750266.4, 22.2, 22.2, 0.0); (400660.0, 3750266.4, 22.1, 22.1, 0.0);
(400680.0, 3750266.4, 22.2, 22.2, 0.0); (400700.0, 3750266.4, 22.1, 22.1, 0.0);
(400720.0, 3750266.4, 22.1, 22.1, 0.0); (400740.0, 3750266.4, 22.1, 22.1, 0.0);

```
    ( 400760.0, 3750266.4,      22.0,      22.0,       0.0);         ( 400780.0,
3750266.4,      21.8,      21.8,       0.0);
    ( 400800.0, 3750266.4,      21.9,      21.9,       0.0);         ( 400000.0,
3750286.4,      22.4,      22.4,       0.0);
    ( 400020.0, 3750286.4,      22.4,      22.4,       0.0);         ( 400040.0,
3750286.4,      22.4,      22.4,       0.0);
    ( 400060.0, 3750286.4,      22.2,      22.2,       0.0);         ( 400080.0,
3750286.4,      22.2,      22.2,       0.0);
    ( 400100.0, 3750286.4,      22.3,      22.3,       0.0);         ( 400120.0,
3750286.4,      22.3,      22.3,       0.0);
    ( 400140.0, 3750286.4,      22.2,      22.2,       0.0);         ( 400160.0,
3750286.4,      22.2,      22.2,       0.0);
    ( 400180.0, 3750286.4,      22.2,      22.2,       0.0);         ( 400200.0,
3750286.4,      22.2,      22.2,       0.0);
    ( 400220.0, 3750286.4,      22.1,      22.1,       0.0);         ( 400240.0,
3750286.4,      22.2,      22.2,       0.0);
    ( 400260.0, 3750286.4,      22.2,      22.2,       0.0);         ( 400280.0,
3750286.4,      22.3,      22.3,       0.0);
    ( 400300.0, 3750286.4,      22.3,      22.3,       0.0);         ( 400320.0,
3750286.4,      22.2,      22.2,       0.0);
    ( 400340.0, 3750286.4,      22.1,      22.1,       0.0);         ( 400360.0,
3750286.4,      22.1,      22.1,       0.0);
    ( 400380.0, 3750286.4,      22.2,      22.2,       0.0);         ( 400400.0,
3750286.4,      22.1,      22.1,       0.0);
    ( 400420.0, 3750286.4,      22.1,      22.1,       0.0);         ( 400440.0,
3750286.4,      22.1,      22.1,       0.0);
    ( 400460.0, 3750286.4,      22.0,      22.0,       0.0);         ( 400480.0,
3750286.4,      22.0,      22.0,       0.0);
    ( 400500.0, 3750286.4,      22.1,      22.1,       0.0);         ( 400520.0,
3750286.4,      22.1,      22.1,       0.0);
    ( 400540.0, 3750286.4,      22.0,      22.0,       0.0);         ( 400560.0,
3750286.4,      22.0,      22.0,       0.0);
    ( 400580.0, 3750286.4,      21.9,      21.9,       0.0);         ( 400600.0,
3750286.4,      22.1,      22.1,       0.0);
    ( 400620.0, 3750286.4,      22.2,      22.2,       0.0);         ( 400640.0,
3750286.4,      22.2,      22.2,       0.0);
    ( 400660.0, 3750286.4,      22.2,      22.2,       0.0);         ( 400680.0,
3750286.4,      22.2,      22.2,       0.0);
    ( 400700.0, 3750286.4,      22.2,      22.2,       0.0);         ( 400720.0,
3750286.4,      22.1,      22.1,       0.0);
    ( 400740.0, 3750286.4,      22.2,      22.2,       0.0);         ( 400760.0,
3750286.4,      22.1,      22.1,       0.0);
    ( 400780.0, 3750286.4,      22.0,      22.0,       0.0);         ( 400800.0,
3750286.4,      22.0,      22.0,       0.0);
    ( 400000.0, 3750306.4,      22.4,      22.4,       0.0);         ( 400020.0,
3750306.4,      22.4,      22.4,       0.0);
    ( 400040.0, 3750306.4,      22.3,      22.3,       0.0);         ( 400060.0,
3750306.4,      22.3,      22.3,       0.0);
    ( 400080.0, 3750306.4,      22.3,      22.3,       0.0);         ( 400100.0,
3750306.4,      22.3,      22.3,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(400240.0, 3750306.4, 22.2, 22.2, 0.0); (400260.0, 3750306.4, 22.3, 22.3, 0.0);
(400280.0, 3750306.4, 22.3, 22.3, 0.0); (400300.0, 3750306.4, 22.3, 22.3, 0.0);
(400320.0, 3750306.4, 22.3, 22.3, 0.0); (400340.0, 3750306.4, 22.1, 22.1, 0.0);
(400360.0, 3750306.4, 22.2, 22.2, 0.0); (400380.0, 3750306.4, 22.4, 22.4, 0.0);
(400400.0, 3750306.4, 22.2, 22.2, 0.0); (400420.0, 3750306.4, 22.2, 22.2, 0.0);
(400440.0, 3750306.4, 22.2, 22.2, 0.0); (400460.0, 3750306.4, 22.1, 22.1, 0.0);
(400480.0, 3750306.4, 22.1, 22.1, 0.0); (400500.0, 3750306.4, 22.1, 22.1, 0.0);
(400520.0, 3750306.4, 22.1, 22.1, 0.0); (400540.0, 3750306.4, 22.2, 22.2, 0.0);
(400560.0, 3750306.4, 22.1, 22.1, 0.0); (400580.0, 3750306.4, 22.0, 22.0, 0.0);
(400600.0, 3750306.4, 22.1, 22.1, 0.0); (400620.0, 3750306.4, 22.2, 22.2, 0.0);
(400640.0, 3750306.4, 22.2, 22.2, 0.0); (400660.0, 3750306.4, 22.4, 22.4, 0.0);
(400680.0, 3750306.4, 22.2, 22.2, 0.0); (400700.0, 3750306.4, 22.2, 22.2, 0.0);
(400720.0, 3750306.4, 22.2, 22.2, 0.0); (400740.0, 3750306.4, 22.2, 22.2, 0.0);
(400760.0, 3750306.4, 22.2, 22.2, 0.0); (400780.0, 3750306.4, 22.0, 22.0, 0.0);
(400800.0, 3750306.4, 22.1, 22.1, 0.0); (400173.0, 3749643.8, 20.2, 20.2, 0.0);
(400193.0, 3749643.8, 20.2, 20.2, 0.0); (400213.0, 3749643.8, 20.2, 20.2, 0.0);

```
     ( 400233.0, 3749643.8,      20.2,      20.2,       0.0);         ( 400253.0,
3749643.8,      20.2,      20.2,       0.0);
     ( 400273.0, 3749643.8,      20.2,      20.2,       0.0);         ( 400293.0,
3749643.8,      20.2,      20.2,       0.0);
     ( 400313.0, 3749643.8,      20.2,      20.2,       0.0);         ( 400333.0,
3749643.8,      20.1,      20.1,       0.0);
     ( 400353.0, 3749643.8,      20.1,      20.1,       0.0);         ( 400373.0,
3749643.8,      20.1,      20.1,       0.0);
     ( 400173.0, 3749663.8,      20.4,      20.4,       0.0);         ( 400193.0,
3749663.8,      20.4,      20.4,       0.0);
     ( 400213.0, 3749663.8,      20.4,      20.4,       0.0);         ( 400233.0,
3749663.8,      20.4,      20.4,       0.0);
     ( 400253.0, 3749663.8,      20.4,      20.4,       0.0);         ( 400273.0,
3749663.8,      20.4,      20.4,       0.0);
     ( 400293.0, 3749663.8,      20.3,      20.3,       0.0);         ( 400313.0,
3749663.8,      20.4,      20.4,       0.0);
     ( 400333.0, 3749663.8,      20.3,      20.3,       0.0);         ( 400353.0,
3749663.8,      20.2,      20.2,       0.0);
     ( 400373.0, 3749663.8,      20.2,      20.2,       0.0);         ( 400173.0,
3749683.8,      20.5,      20.5,       0.0);
     ( 400193.0, 3749683.8,      20.5,      20.5,       0.0);         ( 400213.0,
3749683.8,      20.5,      20.5,       0.0);
     ( 400233.0, 3749683.8,      20.5,      20.5,       0.0);         ( 400253.0,
3749683.8,      20.5,      20.5,       0.0);
     ( 400273.0, 3749683.8,      20.5,      20.5,       0.0);         ( 400293.0,
3749683.8,      20.4,      20.4,       0.0);
     ( 400313.0, 3749683.8,      20.4,      20.4,       0.0);         ( 400333.0,
3749683.8,      20.4,      20.4,       0.0);
     ( 400353.0, 3749683.8,      20.4,      20.4,       0.0);         ( 400373.0,
3749683.8,      20.3,      20.3,       0.0);
     ( 400173.0, 3749703.8,      20.6,      20.6,       0.0);         ( 400193.0,
3749703.8,      20.6,      20.6,       0.0);
     ( 400213.0, 3749703.8,      20.6,      20.6,       0.0);         ( 400233.0,
3749703.8,      20.6,      20.6,       0.0);
     ( 400253.0, 3749703.8,      20.6,      20.6,       0.0);         ( 400273.0,
3749703.8,      20.6,      20.6,       0.0);
     ( 400293.0, 3749703.8,      20.5,      20.5,       0.0);         ( 400313.0,
3749703.8,      20.5,      20.5,       0.0);
     ( 400333.0, 3749703.8,      20.5,      20.5,       0.0);         ( 400353.0,
3749703.8,      20.6,      20.6,       0.0);
     ( 400373.0, 3749703.8,      20.5,      20.5,       0.0);         ( 400173.0,
3749723.8,      20.7,      20.7,       0.0);
     ( 400193.0, 3749723.8,      20.7,      20.7,       0.0);         ( 400213.0,
3749723.8,      20.7,      20.7,       0.0);
     ( 400233.0, 3749723.8,      20.7,      20.7,       0.0);         ( 400253.0,
3749723.8,      20.7,      20.7,       0.0);
     ( 400273.0, 3749723.8,      20.7,      20.7,       0.0);         ( 400293.0,
3749723.8,      20.7,      20.7,       0.0);
     ( 400313.0, 3749723.8,      20.6,      20.6,       0.0);         ( 400333.0,
3749723.8,      20.7,      20.7,       0.0);
```

(400353.0, 3749723.8, 20.8, 20.8, 0.0); (400373.0, 3749723.8, 20.7, 20.7, 0.0);
(400173.0, 3749743.8, 20.7, 20.7, 0.0); (400193.0, 3749743.8, 20.8, 20.8, 0.0);
(400213.0, 3749743.8, 20.8, 20.8, 0.0); (400233.0, 3749743.8, 20.8, 20.8, 0.0);
(400253.0, 3749743.8, 20.8, 20.8, 0.0); (400273.0, 3749743.8, 20.8, 20.8, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(400293.0, 3749743.8, 20.8, 20.8, 0.0); (400313.0, 3749743.8, 20.7, 20.7, 0.0);
(400333.0, 3749743.8, 20.8, 20.8, 0.0); (400353.0, 3749743.8, 20.9, 20.9, 0.0);
(400373.0, 3749743.8, 20.7, 20.7, 0.0); (400173.0, 3749763.8, 20.8, 20.8, 0.0);
(400193.0, 3749763.8, 20.8, 20.8, 0.0); (400213.0, 3749763.8, 20.8, 20.8, 0.0);
(400233.0, 3749763.8, 20.9, 20.9, 0.0); (400253.0, 3749763.8, 20.9, 20.9, 0.0);
(400273.0, 3749763.8, 20.9, 20.9, 0.0); (400293.0, 3749763.8, 20.9, 20.9, 0.0);
(400313.0, 3749763.8, 20.9, 20.9, 0.0); (400333.0, 3749763.8, 20.9, 20.9, 0.0);
(400353.0, 3749763.8, 20.9, 20.9, 0.0); (400373.0, 3749763.8, 20.7, 20.7, 0.0);
(400173.0, 3749783.8, 20.8, 20.8, 0.0); (400193.0, 3749783.8, 20.9, 20.9, 0.0);
(400213.0, 3749783.8, 20.9, 20.9, 0.0); (400233.0, 3749783.8, 21.0, 21.0, 0.0);
(400253.0, 3749783.8, 21.0, 21.0, 0.0); (400273.0, 3749783.8, 21.0, 21.0, 0.0);
(400293.0, 3749783.8, 21.0, 21.0, 0.0); (400313.0, 3749783.8, 21.0, 21.0, 0.0);
(400333.0, 3749783.8, 20.9, 20.9, 0.0); (400353.0, 3749783.8, 20.8, 20.8, 0.0);
(400373.0, 3749783.8, 20.7, 20.7, 0.0); (400173.0, 3749803.8, 20.8, 20.8, 0.0);
(400193.0, 3749803.8, 20.9, 20.9, 0.0); (400213.0, 3749803.8, 20.9, 20.9, 0.0);

```
     ( 400233.0, 3749803.8,      21.0,      21.0,       0.0);         ( 400253.0,
3749803.8,      21.0,      21.0,       0.0);
     ( 400273.0, 3749803.8,      21.0,      21.0,       0.0);         ( 400293.0,
3749803.8,      21.0,      21.0,       0.0);
     ( 400313.0, 3749803.8,      20.9,      20.9,       0.0);         ( 400173.0,
3749823.8,      20.8,      20.8,       0.0);
     ( 400193.0, 3749823.8,      20.9,      20.9,       0.0);         ( 400213.0,
3749823.8,      20.9,      20.9,       0.0);
     ( 400233.0, 3749823.8,      21.0,      21.0,       0.0);         ( 400253.0,
3749823.8,      21.0,      21.0,       0.0);
     ( 400273.0, 3749823.8,      21.0,      21.0,       0.0);         ( 400173.0,
3749843.8,      20.7,      20.7,       0.0);
     ( 400193.0, 3749843.8,      20.7,      20.7,       0.0);         ( 400213.0,
3749843.8,      20.7,      20.7,       0.0);
     ( 400233.0, 3749843.8,      20.7,      20.7,       0.0);         ( 400253.0,
3749843.8,      20.6,      20.6,       0.0);
     ( 400273.0, 3749843.8,      20.6,      20.6,       0.0);

 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***       02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE 257
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                              (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: kful_sfc_pfl\KFUL_trimmed.sfc
Met Version: 22112
Profile file: kful_sfc_pfl\KFUL_trimmed.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2017 Year: 2017

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
17	01	01	1	01	-5.4	0.097	-9.000	-9.000	-999.	72.	14.9	0.04	0.80	1.00	1.50	87.	10.1	280.9	2.0
17	01	01	1	02	-2.8	0.072	-9.000	-9.000	-999.	46.	12.0	0.04	0.80	1.00	1.04	84.	10.1	280.3	2.0
17	01	01	1	03	-6.8	0.108	-9.000	-9.000	-999.	85.	16.7	0.04	0.80	1.00	1.67	86.	10.1	279.8	2.0
17	01	01	1	04	-5.3	0.096	-9.000	-9.000	-999.	71.	14.8	0.04	0.80	1.00	1.48	104.	10.1	279.2	2.0
17	01	01	1	05	-5.6	0.105	-9.000	-9.000	-999.	81.	18.4	0.19	0.80	1.00	1.14	28.	10.1	279.2	2.0
17	01	01	1	06	-8.5	0.130	-9.000	-9.000	-999.	113.	23.4	0.25	0.80	1.00	1.30	342.	10.1	278.8	2.0
17	01	01	1	07	-5.0	0.093	-9.000	-9.000	-999.	68.	14.3	0.04	0.80	1.00	1.43	90.	10.1	278.8	2.0

```
 17 01 01   1 08   -8.3  0.129 -9.000 -9.000 -999.  111.     23.1  0.04   0.80
0.54    1.94   92.   10.1  279.8    2.0
 17 01 01   1 09   22.1  0.192  0.362  0.005   77.  202.    -28.9  0.04   0.80
0.31    2.35   94.   10.1  282.5    2.0
 17 01 01   1 10   69.3  0.246  1.038  0.005  581.  293.    -19.4  0.04   0.80
0.24    2.91   96.   10.1  284.8    2.0
 17 01 01   1 11   95.7  0.228  1.367  0.005  963.  261.    -11.1  0.04   0.80
0.21    2.55  111.   10.1  285.9    2.0
 17 01 01   1 12   94.3  0.247  1.421  0.005 1097.  294.    -14.3  0.18   0.80
0.20    1.94  214.   10.1  288.1    2.0
 17 01 01   1 13  109.7  0.333  1.540  0.005 1201.  461.    -30.3  0.18   0.80
0.20    2.86  227.   10.1  288.1    2.0
 17 01 01   1 14   79.9  0.349  1.412  0.005 1270.  494.    -47.7  0.13   0.80
0.21    3.39  204.   10.1  287.5    2.0
 17 01 01   1 15   55.0  0.309  1.259  0.005 1310.  413.    -48.4  0.13   0.80
0.25    3.01  185.   10.1  287.5    2.0
 17 01 01   1 16    2.0  0.261  0.418  0.005 1311.  321.   -795.8  0.13   0.80
0.33    2.81  183.   10.1  287.5    2.0
 17 01 01   1 17  -25.5  0.311 -9.000 -9.000 -999.  417.    106.7  0.19   0.80
0.60    3.17  165.   10.1  286.4    2.0
 17 01 01   1 18  -22.1  0.224 -9.000 -9.000 -999.  257.     55.1  0.19   0.80
1.00    2.32  170.   10.1  285.9    2.0
 17 01 01   1 19  -22.2  0.223 -9.000 -9.000 -999.  253.     54.9  0.23   0.80
1.00    2.18  139.   10.1  285.3    2.0
 17 01 01   1 20  -12.9  0.151 -9.000 -9.000 -999.  142.     25.1  0.04   0.80
1.00    2.27  108.   10.1  284.2    2.0
 17 01 01   1 21  -11.8  0.145 -9.000 -9.000 -999.  132.     23.1  0.04   0.80
1.00    2.18  108.   10.1  284.2    2.0
 17 01 01   1 22   -6.6  0.106 -9.000 -9.000 -999.   84.     16.6  0.04   0.80
1.00    1.65   83.   10.1  283.1    2.0
 17 01 01   1 23  -16.5  0.172 -9.000 -9.000 -999.  171.     32.5  0.04   0.80
1.00    2.57   89.   10.1  283.8    2.0
 17 01 01   1 24  -17.1  0.175 -9.000 -9.000 -999.  175.     33.6  0.04   0.80
1.00    2.61   88.   10.1  284.2    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 17 01 01 01   10.1 1   87.    1.50   281.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                        ***        11:03:40

                                   PAGE 259
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
```

VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
400000.05	3749506.45	0.41724	400020.05	3749506.45	0.43394
400040.05	3749506.45	0.45172	400060.05	3749506.45	0.47061
400080.05	3749506.45	0.49055	400100.05	3749506.45	0.51152
400120.05	3749506.45	0.53338	400140.05	3749506.45	0.55599
400160.05	3749506.45	0.57912	400180.05	3749506.45	0.60253
400200.05	3749506.45	0.62588	400220.05	3749506.45	0.64879
400240.05	3749506.45	0.67084	400260.05	3749506.45	0.69157
400280.05	3749506.45	0.71049	400300.05	3749506.45	0.72716
400320.05	3749506.45	0.74114	400340.05	3749506.45	0.75206
400360.05	3749506.45	0.75969	400380.05	3749506.45	0.76386
400400.05	3749506.45	0.76446	400420.05	3749506.45	0.76149
400440.05	3749506.45	0.75521	400460.05	3749506.45	0.74585
400480.05	3749506.45	0.73368	400500.05	3749506.45	0.71909
400520.05	3749506.45	0.70250	400540.05	3749506.45	0.68424
400560.05	3749506.45	0.66472	400580.05	3749506.45	0.64432

400600.05 3749506.45 0.62334 400620.05
3749506.45 0.60200
400640.05 3749506.45 0.58061 400660.05
3749506.45 0.55936
400680.05 3749506.45 0.53840 400700.05
3749506.45 0.51787
400720.05 3749506.45 0.49789 400740.05
3749506.45 0.47852
400760.05 3749506.45 0.45980 400780.05
3749506.45 0.44177
400800.05 3749506.45 0.42447 400000.05
3749526.45 0.44755
400020.05 3749526.45 0.46598 400040.05
3749526.45 0.48573
400060.05 3749526.45 0.50681 400080.05
3749526.45 0.52921
400100.05 3749526.45 0.55292 400120.05
3749526.45 0.57783
400140.05 3749526.45 0.60378 400160.05
3749526.45 0.63054
400180.05 3749526.45 0.65782 400200.05
3749526.45 0.68525
400220.05 3749526.45 0.71236 400240.05
3749526.45 0.73864
400260.05 3749526.45 0.76351 400280.05
3749526.45 0.78636
400300.05 3749526.45 0.80659 400320.05
3749526.45 0.82366
400340.05 3749526.45 0.83705 400360.05
3749526.45 0.84644
400380.05 3749526.45 0.85161 400400.05
3749526.45 0.85240
400420.05 3749526.45 0.84880 400440.05
3749526.45 0.84111
400460.05 3749526.45 0.82963 400480.05
3749526.45 0.81475
400500.05 3749526.45 0.79695 400520.05
3749526.45 0.77676
400540.05 3749526.45 0.75467 400560.05
3749526.45 0.73117
400580.05 3749526.45 0.70673 400600.05
3749526.45 0.68175
400620.05 3749526.45 0.65649 400640.05
3749526.45 0.63133
400660.05 3749526.45 0.60648 400680.05
3749526.45 0.58211
400700.05 3749526.45 0.55836 400720.05
3749526.45 0.53538
400740.05 3749526.45 0.51320 400760.05
3749526.45 0.49187

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
400780.05	3749526.45	0.47142	400800.05	3749526.45	0.45189
400000.05	3749546.45	0.48169	400020.05	3749546.45	0.50210
400040.05	3749546.45	0.52406	400060.05	3749546.45	0.54763
400080.05	3749546.45	0.57285	400100.05	3749546.45	0.59971
400120.05	3749546.45	0.62814	400140.05	3749546.45	0.65800
400160.05	3749546.45	0.68905	400180.05	3749546.45	0.72098
400200.05	3749546.45	0.75334	400220.05	3749546.45	0.78561
400240.05	3749546.45	0.81712	400260.05	3749546.45	0.84718
400280.05	3749546.45	0.87499	400300.05	3749546.45	0.89979
400320.05	3749546.45	0.92083	400340.05	3749546.45	0.93744
400360.05	3749546.45	0.94912	400380.05		

3749546.45 0.95559
400400.05 3749546.45 0.95662 400420.05
3749546.45 0.95221
400440.05 3749546.45 0.94269 400460.05
3749546.45 0.92846
400480.05 3749546.45 0.91005 400500.05
3749546.45 0.88811
400520.05 3749546.45 0.86331 400540.05
3749546.45 0.83635
400560.05 3749546.45 0.80782 400580.05
3749546.45 0.77833
400600.05 3749546.45 0.74837 400620.05
3749546.45 0.71830
400640.05 3749546.45 0.68854 400660.05
3749546.45 0.65933
400680.05 3749546.45 0.63088 400700.05
3749546.45 0.60332
400720.05 3749546.45 0.57679 400740.05
3749546.45 0.55132
400760.05 3749546.45 0.52696 400780.05
3749546.45 0.50372
400800.05 3749546.45 0.48163 400000.05
3749566.45 0.52035
400020.05 3749566.45 0.54303 400040.05
3749566.45 0.56753
400060.05 3749566.45 0.59395 400080.05
3749566.45 0.62241
400100.05 3749566.45 0.65292 400120.05
3749566.45 0.68546
400140.05 3749566.45 0.71992 400160.05
3749566.45 0.75607
400180.05 3749566.45 0.79357 400200.05
3749566.45 0.83194
400220.05 3749566.45 0.87055 400240.05
3749566.45 0.90862
400260.05 3749566.45 0.94523 400280.05
3749566.45 0.97938
400300.05 3749566.45 1.01007 400320.05
3749566.45 1.03628
400340.05 3749566.45 1.05708 400360.05
3749566.45 1.07185
400380.05 3749566.45 1.08005 400400.05
3749566.45 1.08139
400420.05 3749566.45 1.07581 400440.05
3749566.45 1.06387
400460.05 3749566.45 1.04604 400480.05
3749566.45 1.02300
400500.05 3749566.45 0.99562 400520.05
3749566.45 0.96489
400540.05 3749566.45 0.93165 400560.05

3749566.45 0.89672
400580.05 3749566.45 0.86085 400600.05
3749566.45 0.82470
400620.05 3749566.45 0.78863 400640.05
3749566.45 0.75323
400660.05 3749566.45 0.71875 400680.05
3749566.45 0.68538
400700.05 3749566.45 0.65329 400720.05
3749566.45 0.62256

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
400740.05	3749566.45	0.59325	400760.05	3749566.45	0.56537
400780.05	3749566.45	0.53890	400800.05	3749566.45	0.51387
400000.05	3749586.45	0.56433	400020.05	3749586.45	0.58967
400040.05	3749586.45	0.61712	400060.05	3749586.45	0.64687
400080.05	3749586.45	0.67908	400100.05	3749586.45	0.71386
400120.05	3749586.45	0.75122	400140.05	3749586.45	0.79112

```
        400160.05    3749586.45        0.83336                    400180.05
3749586.45        0.87761
        400200.05    3749586.45        0.92333                    400220.05
3749586.45        0.96979
        400240.05    3749586.45        1.01608                    400260.05
3749586.45        1.06104
        400280.05    3749586.45        1.10339                    400300.05
3749586.45        1.14176
        400320.05    3749586.45        1.17478                    400340.05
3749586.45        1.20119
        400360.05    3749586.45        1.22005                    400380.05
3749586.45        1.23061
        400400.05    3749586.45        1.23241                    400420.05
3749586.45        1.22539
        400440.05    3749586.45        1.21018                    400460.05
3749586.45        1.18749
        400480.05    3749586.45        1.15829                    400500.05
3749586.45        1.12375
        400520.05    3749586.45        1.08520                    400540.05
3749586.45        1.04377
        400560.05    3749586.45        1.00058                    400580.05
3749586.45        0.95657
        400600.05    3749586.45        0.91256                    400620.05
3749586.45        0.86910
        400640.05    3749586.45        0.82676                    400660.05
3749586.45        0.78582
        400680.05    3749586.45        0.74649                    400700.05
3749586.45        0.70896
        400720.05    3749586.45        0.67326                    400740.05
3749586.45        0.63941
        400760.05    3749586.45        0.60740                    400780.05
3749586.45        0.57720
        400800.05    3749586.45        0.54880                    400000.05
3749606.45        0.61453
        400020.05    3749606.45        0.64305                    400040.05
3749606.45        0.67402
        400060.05    3749606.45        0.70770                    400080.05
3749606.45        0.74434
        400100.05    3749606.45        0.78414                    400120.05
3749606.45        0.82723
        400140.05    3749606.45        0.87363                    400160.05
3749606.45        0.92320
        400180.05    3749606.45        0.97567                    400200.05
3749606.45        1.03046
        400220.05    3749606.45        1.08675                    400240.05
3749606.45        1.14343
        400260.05    3749606.45        1.19914                    400280.05
3749606.45        1.25217
        400300.05    3749606.45        1.30067                    400320.05
3749606.45        1.34277
```

```
         400340.05    3749606.45        1.37678                       400360.05
3749606.45        1.40121
         400380.05    3749606.45        1.41501                       400400.05
3749606.45        1.41751
         400420.05    3749606.45        1.40856                       400440.05
3749606.45        1.38891
         400460.05    3749606.45        1.35959                       400480.05
3749606.45        1.32203
         400500.05    3749606.45        1.27787                       400520.05
3749606.45        1.22887
         400540.05    3749606.45        1.17663                       400560.05
3749606.45        1.12266
         400580.05    3749606.45        1.06819                       400600.05
3749606.45        1.01419
         400620.05    3749606.45        0.96145                       400640.05
3749606.45        0.91049
         400660.05    3749606.45        0.86162                       400680.05
3749606.45        0.81506
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***       02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                          ***       11:03:40

                                    PAGE 262
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         400700.05    3749606.45        0.77098                       400720.05
3749606.45        0.72938
         400740.05    3749606.45        0.69018                       400760.05
```

3749606.45 0.65335
400780.05 3749606.45 0.61884 400800.05
3749606.45 0.58655
400000.05 3749626.45 0.67197 400020.05
3749626.45 0.70437
400040.05 3749626.45 0.73963 400060.05
3749626.45 0.77808
400080.05 3749626.45 0.82006 400100.05
3749626.45 0.86590
400120.05 3749626.45 0.91586 400140.05
3749626.45 0.97009
400160.05 3749626.45 1.02860 400180.05
3749626.45 1.09116
400200.05 3749626.45 1.15724 400220.05
3749626.45 1.22596
400240.05 3749626.45 1.29601 400260.05
3749626.45 1.36564
400280.05 3749626.45 1.43269 400300.05
3749626.45 1.49473
400320.05 3749626.45 1.54920 400340.05
3749626.45 1.59362
400360.05 3749626.45 1.62580 400380.05
3749626.45 1.64413
400400.05 3749626.45 1.64758 400420.05
3749626.45 1.63588
400440.05 3749626.45 1.61010 400460.05
3749626.45 1.57168
400480.05 3749626.45 1.52260 400500.05
3749626.45 1.46517
400520.05 3749626.45 1.40198 400540.05
3749626.45 1.33530
400560.05 3749626.45 1.26709 400580.05
3749626.45 1.19899
400600.05 3749626.45 1.13228 400620.05
3749626.45 1.06775
400640.05 3749626.45 1.00599 400660.05
3749626.45 0.94736
400680.05 3749626.45 0.89203 400700.05
3749626.45 0.84004
400720.05 3749626.45 0.79140 400740.05
3749626.45 0.74594
400760.05 3749626.45 0.70351 400780.05
3749626.45 0.66399
400800.05 3749626.45 0.62724 400000.05
3749646.45 0.73767
400020.05 3749646.45 0.77489 400040.05
3749646.45 0.81545
400060.05 3749646.45 0.85976 400080.05
3749646.45 0.90830
400100.05 3749646.45 0.96154 400120.05

```
3749646.45        1.01992
         400140.05    3749646.45        1.08380                        400400.05
3749646.45        1.93847
         400420.05    3749646.45        1.92297                        400440.05
3749646.45        1.88852
         400460.05    3749646.45        1.83714                        400480.05
3749646.45        1.77175
         400500.05    3749646.45        1.69582                        400520.05
3749646.45        1.61297
         400540.05    3749646.45        1.52662                        400560.05
3749646.45        1.43934
         400580.05    3749646.45        1.35326                        400600.05
3749646.45        1.27003
         400620.05    3749646.45        1.19051                        400640.05
3749646.45        1.11523
         400660.05    3749646.45        1.04453                        400680.05
3749646.45        0.97847
         400700.05    3749646.45        0.91695                        400720.05
3749646.45        0.85993
         400740.05    3749646.45        0.80706                        400760.05
3749646.45        0.75811
         400780.05    3749646.45        0.71282                        400800.05
3749646.45        0.67099
         400000.05    3749666.45        0.81260                        400020.05
3749666.45        0.85589
         400040.05    3749666.45        0.90310                        400060.05
3749666.45        0.95479
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***       02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                          ***       11:03:40

                                    PAGE 263
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
400080.05	3749666.45	1.01154	400100.05	3749666.45	1.07405
400120.05	3749666.45	1.14299	400140.05	3749666.45	1.21895
400400.05	3749666.45	2.31377	400420.05	3749666.45	2.29297
400440.05	3749666.45	2.24591	400460.05	3749666.45	2.17554
400480.05	3749666.45	2.08645	400500.05	3749666.45	1.98395
400520.05	3749666.45	1.87327	400540.05	3749666.45	1.75957
400560.05	3749666.45	1.64631	400580.05	3749666.45	1.53625
400600.05	3749666.45	1.43136	400620.05	3749666.45	1.33258
400640.05	3749666.45	1.24028	400660.05	3749666.45	1.15459
400680.05	3749666.45	1.07541	400700.05	3749666.45	1.00244
400720.05	3749666.45	0.93543	400740.05	3749666.45	0.87386
400760.05	3749666.45	0.81731	400780.05	3749666.45	0.76541
400800.05	3749666.45	0.71781	400000.05	3749686.45	0.89754
400020.05	3749686.45	0.94849	400040.05	3749686.45	1.00416
400060.05	3749686.45	1.06524	400080.05	3749686.45	1.13252
400100.05	3749686.45	1.20689	400120.05	3749686.45	1.28931
400140.05	3749686.45	1.38072	400400.05	3749686.45	2.81025
400420.05	3749686.45	2.78183	400440.05	3749686.45	2.71582
400460.05	3749686.45	2.61685	400480.05	3749686.45	2.49210
400500.05	3749686.45	2.34999	400520.05	3749686.45	2.19901
400540.05	3749686.45	2.04624	400560.05	3749686.45	1.89689
400580.05	3749686.45	1.75448	400600.05	3749686.45	1.62101

```
         400620.05    3749686.45        1.49722                        400640.05
3749686.45        1.38331
         400660.05    3749686.45        1.27900                        400680.05
3749686.45        1.18377
         400700.05    3749686.45        1.09712                        400720.05
3749686.45        1.01829
         400740.05    3749686.45        0.94653                        400760.05
3749686.45        0.88122
         400780.05    3749686.45        0.82175                        400800.05
3749686.45        0.76766
         400000.05    3749706.45        0.99284                        400020.05
3749706.45        1.05344
         400040.05    3749706.45        1.11987                        400060.05
3749706.45        1.19299
         400080.05    3749706.45        1.27384                        400100.05
3749706.45        1.36358
         400120.05    3749706.45        1.46357                        400140.05
3749706.45        1.57524
         400400.05    3749706.45        3.48792                        400420.05
3749706.45        3.44812
         400440.05    3749706.45        3.35265                        400460.05
3749706.45        3.20868
         400480.05    3749706.45        3.02803                        400500.05
3749706.45        2.82483
         400520.05    3749706.45        2.61287                        400540.05
3749706.45        2.40303
         400560.05    3749706.45        2.20265                        400580.05
3749706.45        2.01579
         400600.05    3749706.45        1.84419                        400620.05
3749706.45        1.68793
         400640.05    3749706.45        1.54662                        400660.05
3749706.45        1.41922
         400680.05    3749706.45        1.30447                        400700.05
3749706.45        1.20130
         400720.05    3749706.45        1.10852                        400740.05
3749706.45        1.02498
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***       02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                          ***       11:03:40

                                    PAGE 264
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
```

```
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         400760.05    3749706.45        0.94965                      400780.05
3749706.45        0.88165
         400800.05    3749706.45        0.82018                      400000.05
3749726.45        1.09817
         400020.05    3749726.45        1.17078                      400040.05
3749726.45        1.25076
         400060.05    3749726.45        1.33926                      400080.05
3749726.45        1.43762
         400100.05    3749726.45        1.54742                      400120.05
3749726.45        1.67056
         400140.05    3749726.45        1.80917                      400400.05
3749726.45        4.45017
         400420.05    3749726.45        4.39289                      400440.05
3749726.45        4.24937
         400460.05    3749726.45        4.03082                      400480.05
3749726.45        3.75786
         400500.05    3749726.45        3.45603                      400520.05
3749726.45        3.14832
         400540.05    3749726.45        2.85245                      400560.05
3749726.45        2.57824
         400580.05    3749726.45        2.32953                      400600.05
3749726.45        2.10664
         400620.05    3749726.45        1.90816                      400640.05
3749726.45        1.73219
         400660.05    3749726.45        1.57623                      400680.05
3749726.45        1.43790
         400700.05    3749726.45        1.31509                      400720.05
3749726.45        1.20603
         400740.05    3749726.45        1.10895                      400760.05
3749726.45        1.02231
         400780.05    3749726.45        0.94478                      400800.05
3749726.45        0.87512
         400000.05    3749746.45        1.21229                      400020.05
3749746.45        1.29949
         400040.05    3749746.45        1.39624                      400060.05
```

```
3749746.45        1.50405
         400080.05    3749746.45        1.62477                    400100.05
3749746.45        1.76061
         400120.05    3749746.45        1.91426                    400140.05
3749746.45        2.08889
         400400.05    3749746.45        5.88790                    400420.05
3749746.45        5.80228
         400440.05    3749746.45        5.57746                    400460.05
3749746.45        5.22951
         400480.05    3749746.45        4.79408                    400500.05
3749746.45        4.32078
         400520.05    3749746.45        3.85497                    400540.05
3749746.45        3.42488
         400560.05    3749746.45        3.04154                    400580.05
3749746.45        2.70582
         400600.05    3749746.45        2.41392                    400620.05
3749746.45        2.16082
         400640.05    3749746.45        1.94121                    400660.05
3749746.45        1.75028
         400680.05    3749746.45        1.58383                    400700.05
3749746.45        1.43824
         400720.05    3749746.45        1.31048                    400740.05
3749746.45        1.19801
         400760.05    3749746.45        1.09867                    400780.05
3749746.45        1.01069
         400800.05    3749746.45        0.93217                    400000.05
3749766.45        1.33288
         400020.05    3749766.45        1.43723                    400040.05
3749766.45        1.55406
         400060.05    3749766.45        1.68546                    400080.05
3749766.45        1.83405
         400100.05    3749766.45        2.00305                    400120.05
3749766.45        2.19638
         400140.05    3749766.45        2.41886                    400400.05
3749766.45        8.18730
         400420.05    3749766.45        8.05255                    400440.05
3749766.45        7.68032
         400460.05    3749766.45        7.08755                    400480.05
3749766.45        6.33880
         400500.05    3749766.45        5.54576                    400520.05
3749766.45        4.80478
         400540.05    3749766.45        4.15858                    400560.05
3749766.45        3.61186
         400580.05    3749766.45        3.15376                    400600.05
3749766.45        2.76974
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***       02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                          ***      11:03:40
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
400620.05	3749766.45	2.44653	400640.05	3749766.45	2.17311
400660.05	3749766.45	1.94032	400680.05	3749766.45	1.74087
400700.05	3749766.45	1.56911	400720.05	3749766.45	1.42033
400740.05	3749766.45	1.29079	400760.05	3749766.45	1.17755
400780.05	3749766.45	1.07827	400800.05	3749766.45	0.99027
400000.05	3749786.45	1.45632	400020.05	3749786.45	1.58001
400040.05	3749786.45	1.71990	400060.05	3749786.45	1.87904
400080.05	3749786.45	2.06114	400100.05	3749786.45	2.27091
400120.05	3749786.45	2.51429	400140.05	3749786.45	2.79892
400400.05	3749786.45	12.23048	400420.05	3749786.45	12.00209
400440.05	3749786.45	11.34203	400460.05	3749786.45	10.24339
400480.05	3749786.45	8.80896	400500.05	3749786.45	7.34921
400520.05	3749786.45	6.09741	400540.05	3749786.45	5.09544

```
         400560.05    3749786.45        4.30483                    400580.05
3749786.45        3.67767
         400600.05    3749786.45        3.17369                    400620.05
3749786.45        2.76307
         400640.05    3749786.45        2.42516                    400660.05
3749786.45        2.14367
         400680.05    3749786.45        1.90660                    400700.05
3749786.45        1.70561
         400720.05    3749786.45        1.53373                    400740.05
3749786.45        1.38578
         400760.05    3749786.45        1.25772                    400780.05
3749786.45        1.14646
         400800.05    3749786.45        1.04854                    400000.05
3749806.45        1.57750
         400020.05    3749806.45        1.72210                    400040.05
3749806.45        1.88734
         400060.05    3749806.45        2.07748                    400080.05
3749806.45        2.29786
         400100.05    3749806.45        2.55539                    400120.05
3749806.45        2.85910
         400140.05    3749806.45        3.22099                    400400.05
3749806.45       20.32979
         400420.05    3749806.45       19.93842                    400440.05
3749806.45       18.69853
         400460.05    3749806.45       16.44054                    400480.05
3749806.45       13.16000
         400500.05    3749806.45       10.08042                    400520.05
3749806.45        7.83816
         400540.05    3749806.45        6.26018                    400560.05
3749806.45        5.12109
         400580.05    3749806.45        4.27152                    400600.05
3749806.45        3.61894
         400620.05    3749806.45        3.10505                    400640.05
3749806.45        2.69268
         400660.05    3749806.45        2.35628                    400680.05
3749806.45        2.07796
         400700.05    3749806.45        1.84531                    400720.05
3749806.45        1.64879
         400740.05    3749806.45        1.48142                    400760.05
3749806.45        1.33790
         400780.05    3749806.45        1.21415                    400800.05
3749806.45        1.10608
         400000.05    3749826.45        1.69057                    400020.05
3749826.45        1.85653
         400040.05    3749826.45        2.04785                    400060.05
3749826.45        2.27066
         400080.05    3749826.45        2.53207                    400100.05
3749826.45        2.84196
         400120.05    3749826.45        3.21358                    400140.05
3749826.45        3.66522
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
400489.80	3749826.45	17.30386	400500.05	3749826.45	14.05493
400520.05	3749826.45	10.03107	400540.05	3749826.45	7.62145
400560.05	3749826.45	6.03259	400580.05	3749826.45	4.91433
400600.05	3749826.45	4.08957	400620.05	3749826.45	3.45994
400640.05	3749826.45	2.96630	400660.05	3749826.45	2.57108
400680.05	3749826.45	2.24929	400700.05	3749826.45	1.98365
400720.05	3749826.45	1.76185	400740.05	3749826.45	1.57474
400760.05	3749826.45	1.41562	400780.05	3749826.45	1.27952
400800.05	3749826.45	1.16149	400000.05	3749846.45	1.78972
400020.05	3749846.45	1.97564	400040.05	3749846.45	2.19220
400060.05	3749846.45	2.44671	400080.05		

3749846.45 2.74878
400100.05 3749846.45 3.11150 400120.05
3749846.45 3.55306
400140.05 3749846.45 4.09955 400489.80
3749846.45 24.91094
400500.05 3749846.45 18.87793 400520.05
3749846.45 12.49410
400540.05 3749846.45 9.09000 400560.05
3749846.45 6.98947
400580.05 3749846.45 5.57528 400600.05
3749846.45 4.56507
400620.05 3749846.45 3.81345 400640.05
3749846.45 3.23574
400660.05 3749846.45 2.78054 400680.05
3749846.45 2.41492
400700.05 3749846.45 2.11636 400720.05
3749846.45 1.86959
400740.05 3749846.45 1.66316 400760.05
3749846.45 1.48888
400780.05 3749846.45 1.34094 400800.05
3749846.45 1.21344
400000.05 3749866.45 1.86841 400020.05
3749866.45 2.07178
400040.05 3749866.45 2.31049 400060.05
3749866.45 2.59335
400080.05 3749866.45 2.93231 400100.05
3749866.45 3.34356
400120.05 3749866.45 3.85028 400140.05
3749866.45 4.48645
400160.05 3749866.45 5.30502 400180.05
3749866.45 6.38868
400200.05 3749866.45 7.88029 400220.05
3749866.45 10.04260
400240.05 3749866.45 13.40889 400260.05
3749866.45 19.25456
400276.45 3749866.45 28.48153 400489.80
3749866.45 31.57615
400500.05 3749866.45 23.58424 400520.05
3749866.45 15.00637
400540.05 3749866.45 10.57695 400560.05
3749866.45 7.94457
400580.05 3749866.45 6.22529 400600.05
3749866.45 5.02753
400620.05 3749866.45 4.15291 400640.05
3749866.45 3.49167
400660.05 3749866.45 2.97786 400680.05
3749866.45 2.56971
400700.05 3749866.45 2.23973 400720.05
3749866.45 1.96917
400740.05 3749866.45 1.74459 400760.05

```
3749866.45        1.55625
         400780.05    3749866.45        1.39708                      400800.05
3749866.45        1.26053
         400000.05    3749886.45        1.92139                      400020.05
3749886.45        2.13833
         400040.05    3749886.45        2.39421                      400060.05
3749886.45        2.69909
         400080.05    3749886.45        3.06784                      400100.05
3749886.45        3.51880
         400120.05    3749886.45        4.07920                      400140.05
3749886.45        4.78975
         400160.05    3749886.45        5.71381                      400180.05
3749886.45        6.95565
🡅 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                        ***       02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***       11:03:40

                                  PAGE 267
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         400200.05    3749886.45        8.69394                      400220.05
3749886.45       11.26988
         400240.05    3749886.45       15.40266                      400260.05
3749886.45       22.90168
         400276.45    3749886.45       35.43223                      400489.80
3749886.45       36.39319
         400500.05    3749886.45       27.41762                      400520.05
3749886.45       17.32926
```

```
         400540.05    3749886.45       12.00105                    400560.05
3749886.45        8.85918
         400580.05    3749886.45        6.84115                    400600.05
3749886.45        5.46012
         400620.05    3749886.45        4.46670                    400640.05
3749886.45        3.72578
         400660.05    3749886.45        3.15668                    400680.05
3749886.45        2.70885
         400700.05    3749886.45        2.34994                    400720.05
3749886.45        2.05773
         400740.05    3749886.45        1.81671                    400760.05
3749886.45        1.61567
         400780.05    3749886.45        1.44650                    400800.05
3749886.45        1.30205
         400000.05    3749906.45        1.94600                    400020.05
3749906.45        2.17077
         400040.05    3749906.45        2.43718                    400060.05
3749906.45        2.75698
         400080.05    3749906.45        3.14503                    400100.05
3749906.45        3.62239
         400120.05    3749906.45        4.21966                    400140.05
3749906.45        4.98220
         400160.05    3749906.45        5.97992                    400180.05
3749906.45        7.33129
         400200.05    3749906.45        9.23617                    400220.05
3749906.45       12.07708
         400240.05    3749906.45       16.65239                    400260.05
3749906.45       24.94206
         400276.45    3749906.45       38.65068                    400489.80
3749906.45       39.82759
         400500.05    3749906.45       30.30765                    400520.05
3749906.45       19.26668
         400540.05    3749906.45       13.26438                    400560.05
3749906.45        9.68808
         400580.05    3749906.45        7.39985                    400600.05
3749906.45        5.84882
         400620.05    3749906.45        4.74583                    400640.05
3749906.45        3.93173
         400660.05    3749906.45        3.31227                    400680.05
3749906.45        2.82884
         400700.05    3749906.45        2.44430                    400720.05
3749906.45        2.13320
         400740.05    3749906.45        1.87789                    400760.05
3749906.45        1.66586
         400780.05    3749906.45        1.48821                    400800.05
3749906.45        1.33721
         400000.05    3749926.45        1.94030                    400020.05
3749926.45        2.16714
         400040.05    3749926.45        2.43687                    400060.05
3749926.45        2.76198
```

```
         400080.05    3749926.45        3.15736                        400100.05
3749926.45        3.64584
         400120.05    3749926.45        4.25980                        400140.05
3749926.45        5.04744
         400160.05    3749926.45        6.08290                        400180.05
3749926.45        7.49145
         400200.05    3749926.45        9.48482                        400220.05
3749926.45       12.46139
         400240.05    3749926.45       17.25498                        400260.05
3749926.45       25.90933
         400276.45    3749926.45       40.14141                        400489.80
3749926.45       42.11578
         400500.05    3749926.45       32.30727                        400520.05
3749926.45       20.73028
         400540.05    3749926.45       14.27972                        400560.05
3749926.45       10.38033
         400580.05    3749926.45        7.87416                        400600.05
3749926.45        6.17894
         400620.05    3749926.45        4.98137                        400640.05
3749926.45        4.10396
         400660.05    3749926.45        3.44116                        400680.05
3749926.45        2.92744
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***        11:03:40

                                    PAGE 268
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

- -
400700.05 3749926.45 2.52145 400720.05
3749926.45 2.19447
400740.05 3749926.45 1.92726 400760.05
3749926.45 1.70623
400780.05 3749926.45 1.52158 400800.05
3749926.45 1.36479
400000.05 3749946.45 1.90521 400020.05
3749946.45 2.12841
400040.05 3749946.45 2.39379 400060.05
3749946.45 2.71416
400080.05 3749946.45 3.10409 400100.05
3749946.45 3.58718
400120.05 3749946.45 4.19604 400140.05
3749946.45 4.97913
400160.05 3749946.45 6.01325 400180.05
3749946.45 7.42471
400200.05 3749946.45 9.42988 400220.05
3749946.45 12.43423
400240.05 3749946.45 17.28379 400260.05
3749946.45 26.04390
400276.45 3749946.45 40.44896 400489.80
3749946.45 43.35796
400500.05 3749946.45 33.45892 400520.05
3749946.45 21.65991
400540.05 3749946.45 14.98063 400560.05
3749946.45 10.88891
400580.05 3749946.45 8.23680 400600.05
3749946.45 6.43684
400620.05 3749946.45 5.16682 400640.05
3749946.45 4.23947
400660.05 3749946.45 3.54196 400680.05
3749946.45 3.00400
400700.05 3749946.45 2.58078 400720.05
3749946.45 2.24117
400740.05 3749946.45 1.96466 400760.05
3749946.45 1.73664
400780.05 3749946.45 1.54658 400800.05
3749946.45 1.38537
400000.05 3749966.45 1.84280 400020.05
3749966.45 2.05668
400040.05 3749966.45 2.31094 400060.05
3749966.45 2.61635
400080.05 3749966.45 2.98851 400100.05
3749966.45 3.45031
400120.05 3749966.45 4.03268 400140.05
3749966.45 4.78114
400160.05 3749966.45 5.77203 400180.05
3749966.45 7.12671
400200.05 3749966.45 9.05782 400220.05

```
3749966.45       11.96468
         400240.05    3749966.45       16.68782                       400260.05
3749966.45       25.26472
         400276.45    3749966.45       39.51283                       400489.80
3749966.45       43.47301
         400500.05    3749966.45       33.68968                       400520.05
3749966.45       21.99222
         400540.05    3749966.45       15.31580                       400560.05
3749966.45       11.17748
         400580.05    3749966.45        8.46595                       400600.05
3749966.45        6.61157
         400620.05    3749966.45        5.29726                       400640.05
3749966.45        4.33645
         400660.05    3749966.45        3.61462                       400680.05
3749966.45        3.05917
         400700.05    3749966.45        2.62289                       400720.05
3749966.45        2.27401
         400740.05    3749966.45        1.99069                       400760.05
3749966.45        1.75755
         400780.05    3749966.45        1.56365                       400800.05
3749966.45        1.39935
         400000.05    3749986.45        1.75964                       400020.05
3749986.45        1.95956
         400040.05    3749986.45        2.19685                       400060.05
3749986.45        2.48027
         400080.05    3749986.45        2.82487                       400100.05
3749986.45        3.25106
         400120.05    3749986.45        3.78673                       400140.05
3749986.45        4.47343
         400160.05    3749986.45        5.37807                       400180.05
3749986.45        6.61130
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***        11:03:40

                                    PAGE 269
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
400200.05	3749986.45	8.36704	400220.05	3749986.45	11.01508
400240.05	3749986.45	15.34921	400260.05	3749986.45	23.33677
400276.45	3749986.45	36.86368	400489.80	3749986.45	42.07985
400500.05	3749986.45	32.76502	400520.05	3749986.45	21.65189
400540.05	3749986.45	15.25279	400560.05	3749986.45	11.22738
400580.05	3749986.45	8.54915	400600.05	3749986.45	6.69524
400620.05	3749986.45	5.36848	400640.05	3749986.45	4.39331
400660.05	3749986.45	3.65888	400680.05	3749986.45	3.09321
400700.05	3749986.45	2.64880	400720.05	3749986.45	2.29393
400740.05	3749986.45	2.00614	400760.05	3749986.45	1.76968
400780.05	3749986.45	1.57328	400800.05	3749986.45	1.40661
400000.05	3750006.45	1.66185	400020.05	3750006.45	1.84474
400040.05	3750006.45	2.06093	400060.05	3750006.45	2.31865
400080.05	3750006.45	2.62926	400100.05	3750006.45	3.00974
400120.05	3750006.45	3.48435	400140.05	3750006.45	4.08854
400160.05	3750006.45	4.87490	400180.05	3750006.45	5.93373
400200.05	3750006.45	7.41994	400220.05	3750006.45	9.62689
400240.05	3750006.45	13.17907	400260.05	3750006.45	19.65986
400276.45	3750006.45	30.70631	400489.80	3750006.45	38.34394
400500.05	3750006.45	30.33495	400520.05	3750006.45	20.59580

```
         400540.05    3750006.45       14.80157                       400560.05
3750006.45       11.04949
         400580.05    3750006.45        8.49270                       400600.05
3750006.45        6.69277
         400620.05    3750006.45        5.38414                       400640.05
3750006.45        4.41334
         400660.05    3750006.45        3.67789                       400680.05
3750006.45        3.10891
         400700.05    3750006.45        2.66099                       400720.05
3750006.45        2.30308
         400740.05    3750006.45        2.01289                       400760.05
3750006.45        1.77451
         400780.05    3750006.45        1.57691                       400800.05
3750006.45        1.40899
         400000.05    3750026.45        1.55293                       400020.05
3750026.45        1.71780
         400040.05    3750026.45        1.91081                       400060.05
3750026.45        2.13929
         400080.05    3750026.45        2.41215                       400100.05
3750026.45        2.74308
         400120.05    3750026.45        3.15170                       400140.05
3750026.45        3.66623
         400160.05    3750026.45        4.32217                       400180.05
3750026.45        5.18366
         400200.05    3750026.45        6.35726                       400220.05
3750026.45        8.03763
         400240.05    3750026.45       10.58560                       400260.05
3750026.45       14.77165
         400276.45    3750026.45       20.68375                       400300.56
3750033.12       29.67226
         400320.56    3750033.12       38.70213                       400340.56
3750033.12       44.11593
         400360.56    3750033.12       47.44764                       400380.56
3750033.12       49.26417
         400400.56    3750033.12       49.82959                       400420.56
3750033.12       49.38256
         400440.56    3750033.12       47.75714                       400460.56
3750033.12       43.60730
         400489.80    3750026.45       32.17083                       400500.05
3750026.45       26.61968
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                          ***       11:03:40

                                    PAGE 270
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                    *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
```

INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
400520.05	3750026.45	18.99144	400540.05	3750026.45	14.04990
400560.05	3750026.45	10.69139	400580.05	3750026.45	8.32532
400600.05	3750026.45	6.61678	400620.05	3750026.45	5.35390
400640.05	3750026.45	4.40362	400660.05	3750026.45	3.67598
400680.05	3750026.45	3.10894	400700.05	3750026.45	2.66213
400720.05	3750026.45	2.30395	400740.05	3750026.45	2.01298
400760.05	3750026.45	1.77380	400780.05	3750026.45	1.57591
400800.05	3750026.45	1.40887	400000.05	3750046.45	1.44112
400020.05	3750046.45	1.58757	400040.05	3750046.45	1.75730
400060.05	3750046.45	1.95601	400080.05	3750046.45	2.19165
400100.05	3750046.45	2.47439	400120.05	3750046.45	2.81912
400140.05	3750046.45	3.24745	400160.05	3750046.45	3.78093
400180.05	3750046.45	4.46261	400200.05	3750046.45	5.36015
400220.05	3750046.45	6.59125	400240.05	3750046.45	8.33816
400260.05	3750046.45	10.93532	400280.05	3750046.45	15.06666
400300.05	3750046.45	21.30494	400320.05		

```
3750046.45       27.80737
         400340.05    3750046.45       32.40420                    400360.05
3750046.45       35.42829
         400380.05    3750046.45       37.20667                    400400.05
3750046.45       37.96292
         400420.05    3750046.45       37.86929                    400440.05
3750046.45       36.78345
         400460.05    3750046.45       34.17387                    400480.05
3750046.45       29.04750
         400500.05    3750046.45       22.47913                    400520.05
3750046.45       17.08455
         400540.05    3750046.45       13.10083                    400560.05
3750046.45       10.20101
         400580.05    3750046.45        8.07007                    400600.05
3750046.45        6.48325
         400620.05    3750046.45        5.28495                    400640.05
3750046.45        4.36770
         400660.05    3750046.45        3.65645                    400680.05
3750046.45        3.09770
         400700.05    3750046.45        2.65478                    400720.05
3750046.45        2.29836
         400740.05    3750046.45        2.00814                    400760.05
3750046.45        1.76918
         400780.05    3750046.45        1.57150                    400800.05
3750046.45        1.40486
         400000.05    3750066.45        1.33253                    400020.05
3750066.45        1.46057
         400040.05    3750066.45        1.60829                    400060.05
3750066.45        1.77839
         400080.05    3750066.45        1.98006                    400100.05
3750066.45        2.21984
         400120.05    3750066.45        2.50808                    400140.05
3750066.45        2.86179
         400160.05    3750066.45        3.29274                    400180.05
3750066.45        3.83248
         400200.05    3750066.45        4.52343                    400220.05
3750066.45        5.43119
         400240.05    3750066.45        6.66431                    400260.05
3750066.45        8.40810
         400280.05    3750066.45       10.97632                    400300.05
3750066.45       14.57528
         400320.05    3750066.45       18.63631                    400340.05
3750066.45       21.96025
         400360.05    3750066.45       24.45155                    400380.05
3750066.45       26.05950
         400400.05    3750066.45       26.89524                    400420.05
3750066.45       27.12660
         400440.05    3750066.45       26.64791                    400460.05
3750066.45       25.21716
```

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
400480.05	3750066.45	22.50708	400500.05	3750066.45	18.72514
400520.05	3750066.45	15.09131	400540.05	3750066.45	12.03411
400560.05	3750066.45	9.61746	400580.05	3750066.45	7.74744
400600.05	3750066.45	6.30350	400620.05	3750066.45	5.18371
400640.05	3750066.45	4.30967	400660.05	3750066.45	3.62214
400680.05	3750066.45	3.07716	400700.05	3750066.45	2.64069
400720.05	3750066.45	2.28806	400740.05	3750066.45	1.99993
400760.05	3750066.45	1.76208	400780.05	3750066.45	1.56493
400800.05	3750066.45	1.39879	400000.05	3750086.45	1.22640
400020.05	3750086.45	1.33827	400040.05	3750086.45	1.46618
400060.05	3750086.45	1.61279	400080.05	3750086.45	1.78538

400100.05 3750086.45 1.98859 400120.05
3750086.45 2.22955
400140.05 3750086.45 2.52288 400160.05
3750086.45 2.87059
400180.05 3750086.45 3.29761 400200.05
3750086.45 3.83486
400220.05 3750086.45 4.52704 400240.05
3750086.45 5.43289
400260.05 3750086.45 6.67572 400280.05
3750086.45 8.41917
400300.05 3750086.45 10.73837 400320.05
3750086.45 13.41031
400340.05 3750086.45 15.80902 400360.05
3750086.45 17.80076
400380.05 3750086.45 19.23956 400400.05
3750086.45 20.12669
400420.05 3750086.45 20.51512 400440.05
3750086.45 20.35477
400460.05 3750086.45 19.54075 400480.05
3750086.45 17.97498
400500.05 3750086.45 15.66343 400520.05
3750086.45 13.21050
400540.05 3750086.45 10.92919 400560.05
3750086.45 8.97430
400580.05 3750086.45 7.37298 400600.05
3750086.45 6.08290
400620.05 3750086.45 5.05177 400640.05
3750086.45 4.22984
400660.05 3750086.45 3.57355 400680.05
3750086.45 3.04601
400700.05 3750086.45 2.62008 400720.05
3750086.45 2.27355
400740.05 3750086.45 1.98915 400760.05
3750086.45 1.75372
400780.05 3750086.45 1.55717 400800.05
3750086.45 1.39100
400000.05 3750106.45 1.12636 400020.05
3750106.45 1.22427
400040.05 3750106.45 1.33620 400060.05
3750106.45 1.46309
400080.05 3750106.45 1.61115 400100.05
3750106.45 1.78379
400120.05 3750106.45 1.98644 400140.05
3750106.45 2.23188
400160.05 3750106.45 2.51571 400180.05
3750106.45 2.85930
400200.05 3750106.45 3.28586 400220.05
3750106.45 3.83007
400240.05 3750106.45 4.52289 400260.05
3750106.45 5.44874

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
400280.05	3750106.45	6.69653	400300.05	3750106.45	8.30398
400320.05	3750106.45	10.16510	400340.05	3750106.45	11.92179
400360.05	3750106.45	13.49250	400380.05	3750106.45	14.72676
400400.05	3750106.45	15.57854	400420.05	3750106.45	16.04090
400440.05	3750106.45	16.07186	400460.05	3750106.45	15.62419
400480.05	3750106.45	14.66822	400500.05	3750106.45	13.21391
400520.05	3750106.45	11.53719	400540.05	3750106.45	9.85192
400560.05	3750106.45	8.30370	400580.05	3750106.45	6.96159
400600.05	3750106.45	5.83263	400620.05	3750106.45	4.90041
400640.05	3750106.45	4.13829	400660.05	3750106.45	3.51739
400680.05	3750106.45	3.01113	400700.05		

3750106.45 2.59737
400720.05 3750106.45 2.25734 400740.05
3750106.45 1.97679
400760.05 3750106.45 1.74382 400780.05
3750106.45 1.54875
400800.05 3750106.45 1.38302 400000.05
3750126.45 1.03298
400020.05 3750126.45 1.11923 400040.05
3750126.45 1.22039
400060.05 3750126.45 1.33100 400080.05
3750126.45 1.45826
400100.05 3750126.45 1.60505 400120.05
3750126.45 1.77698
400140.05 3750126.45 1.98452 400160.05
3750126.45 2.22042
400180.05 3750126.45 2.50336 400200.05
3750126.45 2.85107
400220.05 3750126.45 3.28594 400240.05
3750126.45 3.83403
400260.05 3750126.45 4.54245 400280.05
3750126.45 5.47076
400300.05 3750126.45 6.64360 400320.05
3750126.45 7.99978
400340.05 3750126.45 9.31576 400360.05
3750126.45 10.55553
400380.05 3750126.45 11.58901 400400.05
3750126.45 12.36037
400420.05 3750126.45 12.84009 400440.05
3750126.45 12.98735
400460.05 3750126.45 12.77181 400480.05
3750126.45 12.17815
400500.05 3750126.45 11.24790 400520.05
3750126.45 10.08818
400540.05 3750126.45 8.84405 400560.05
3750126.45 7.63290
400580.05 3750126.45 6.52719 400600.05
3750126.45 5.55674
400620.05 3750126.45 4.72819 400640.05
3750126.45 4.03164
400660.05 3750126.45 3.45078 400680.05
3750126.45 2.96953
400700.05 3750126.45 2.57051 400720.05
3750126.45 2.23897
400740.05 3750126.45 1.96284 400760.05
3750126.45 1.73259
400780.05 3750126.45 1.53993 400800.05
3750126.45 1.37532
400000.05 3750146.45 0.95145 400020.05
3750146.45 1.02776
400040.05 3750146.45 1.11764 400060.05

```
3750146.45        1.21503
         400080.05    3750146.45        1.32557                      400100.05
3750146.45        1.45169
         400120.05    3750146.45        1.59702                      400140.05
3750146.45        1.77520
         400160.05    3750146.45        1.97526                      400180.05
3750146.45        2.21120
         400200.05    3750146.45        2.49717                      400220.05
3750146.45        2.85423
         400240.05    3750146.45        3.29742                      400260.05
3750146.45        3.85694
         400280.05    3750146.45        4.56900                      400300.05
3750146.45        5.45144
         400320.05    3750146.45        6.47302                      400340.05
3750146.45        7.48382
         400360.05    3750146.45        8.46577                      400380.05
3750146.45        9.33181
```



```
                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
         400400.05    3750146.45       10.01523                      400420.05
3750146.45       10.47405
         400440.05    3750146.45       10.69159                      400460.05
3750146.45       10.63913
```

400480.05 3750146.45 10.29434 400500.05
3750146.45 9.67237
400520.05 3750146.45 8.85813 400540.05
3750146.45 7.93460
400560.05 3750146.45 6.98830 400580.05
3750146.45 6.08440
400600.05 3750146.45 5.26033 400620.05
3750146.45 4.53233
400640.05 3750146.45 3.90363 400660.05
3750146.45 3.36749
400680.05 3750146.45 2.91444 400700.05
3750146.45 2.53392
400720.05 3750146.45 2.21468 400740.05
3750146.45 1.94632
400760.05 3750146.45 1.71981 400780.05
3750146.45 1.53061
400800.05 3750146.45 1.36793 400000.05
3750166.45 0.87951
400020.05 3750166.45 0.94704 400040.05
3750166.45 1.02640
400060.05 3750166.45 1.11209 400080.05
3750166.45 1.20895
400100.05 3750166.45 1.31817 400120.05
3750166.45 1.44264
400140.05 3750166.45 1.59708 400160.05
3750166.45 1.76844
400180.05 3750166.45 1.96697 400200.05
3750166.45 2.20430
400220.05 3750166.45 2.50002 400240.05
3750166.45 2.86348
400260.05 3750166.45 3.31422 400280.05
3750166.45 3.87181
400300.05 3750166.45 4.54611 400320.05
3750166.45 5.34032
400340.05 3750166.45 6.13895 400360.05
3750166.45 6.92795
400380.05 3750166.45 7.64909 400400.05
3750166.45 8.24705
400420.05 3750166.45 8.67652 400440.05
3750166.45 8.92399
400460.05 3750166.45 8.96661 400480.05
3750166.45 8.78044
400500.05 3750166.45 8.37247 400520.05
3750166.45 7.79983
400540.05 3750166.45 7.11567 400560.05
3750166.45 6.38088
400580.05 3750166.45 5.64894 400600.05
3750166.45 4.95709
400620.05 3750166.45 4.32512 400640.05
3750166.45 3.76398

```
         400660.05    3750166.45        3.27475                       400680.05
3750166.45        2.85315
         400700.05    3750166.45        2.49323                       400720.05
3750166.45        2.18757
         400740.05    3750166.45        1.92770                       400760.05
3750166.45        1.70580
         400780.05    3750166.45        1.52091                       400800.05
3750166.45        1.36061
         400000.05    3750186.45        0.81573                       400020.05
3750186.45        0.87477
         400040.05    3750186.45        0.94415                       400060.05
3750186.45        1.01866
         400080.05    3750186.45        1.10363                       400100.05
3750186.45        1.19976
         400120.05    3750186.45        1.30896                       400140.05
3750186.45        1.44345
         400160.05    3750186.45        1.59066                       400180.05
3750186.45        1.75861
         400200.05    3750186.45        1.95691                       400220.05
3750186.45        2.20100
         400240.05    3750186.45        2.50114                       400260.05
3750186.45        2.87081
         400280.05    3750186.45        3.31302                       400300.05
3750186.45        3.82930
         400320.05    3750186.45        4.44856                       400340.05
3750186.45        5.11309
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
400360.05	3750186.45	5.76365	400380.05	3750186.45	6.36439
400400.05	3750186.45	6.88500	400420.05	3750186.45	7.28061
400440.05	3750186.45	7.53345	400460.05	3750186.45	7.62740
400480.05	3750186.45	7.54439	400500.05	3750186.45	7.28761
400520.05	3750186.45	6.88658	400540.05	3750186.45	6.38147
400560.05	3750186.45	5.81501	400580.05	3750186.45	5.22734
400600.05	3750186.45	4.65207	400620.05	3750186.45	4.10989
400640.05	3750186.45	3.61460	400660.05	3750186.45	3.17298
400680.05	3750186.45	2.78475	400700.05	3750186.45	2.44781
400720.05	3750186.45	2.15701	400740.05	3750186.45	1.90662
400760.05	3750186.45	1.69072	400780.05	3750186.45	1.51050
400800.05	3750186.45	1.35294	400000.05	3750206.45	0.75953
400020.05	3750206.45	0.81241	400040.05	3750206.45	0.87322
400060.05	3750206.45	0.93938	400080.05	3750206.45	1.01454
400100.05	3750206.45	1.09978	400120.05	3750206.45	1.19684
400140.05	3750206.45	1.31166	400160.05	3750206.45	1.43901
400180.05	3750206.45	1.58460	400200.05	3750206.45	1.75558
400220.05	3750206.45	1.96163	400240.05	3750206.45	2.21461
400260.05	3750206.45	2.52142	400280.05	3750206.45	2.88605
400300.05	3750206.45	3.31002	400320.05	3750206.45	3.80180
400340.05	3750206.45	4.33333	400360.05	3750206.45	4.86496
400380.05	3750206.45	5.36745	400400.05	3750206.45	5.81556
400420.05	3750206.45	6.17654	400440.05		

```
3750206.45        6.42449
         400460.05    3750206.45        6.54587                          400480.05
3750206.45        6.52997
         400500.05    3750206.45        6.37700                          400520.05
3750206.45        6.10223
         400540.05    3750206.45        5.73179                          400560.05
3750206.45        5.29635
         400580.05    3750206.45        4.82692                          400600.05
3750206.45        4.35143
         400620.05    3750206.45        3.89022                          400640.05
3750206.45        3.45782
         400660.05    3750206.45        3.06302                          400680.05
3750206.45        2.70920
         400700.05    3750206.45        2.39646                          400720.05
3750206.45        2.12258
         400740.05    3750206.45        1.88410                          400760.05
3750206.45        1.67705
         400780.05    3750206.45        1.49914                          400800.05
3750206.45        1.34488
         400000.05    3750226.45        0.70920                          400020.05
3750226.45        0.75736
         400040.05    3750226.45        0.81101                          400060.05
3750226.45        0.87043
         400080.05    3750226.45        0.93747                          400100.05
3750226.45        1.01336
         400120.05    3750226.45        1.09964                          400140.05
3750226.45        1.19771
         400160.05    3750226.45        1.30867                          400180.05
3750226.45        1.43627
         400200.05    3750226.45        1.58551                          400220.05
3750226.45        1.76152
         400240.05    3750226.45        1.97654                          400260.05
3750226.45        2.23290
         400280.05    3750226.45        2.53752                          400300.05
3750226.45        2.89399
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***       02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                          ***       11:03:40

                                    PAGE 275
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
```

```
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         400320.05    3750226.45        3.29190                      400340.05
3750226.45        3.72083
         400360.05    3750226.45        4.15738                      400380.05
3750226.45        4.57881
         400400.05    3750226.45        4.96335                      400420.05
3750226.45        5.28487
         400440.05    3750226.45        5.52264                      400460.05
3750226.45        5.66045
         400480.05    3750226.45        5.68904                      400500.05
3750226.45        5.60751
         400520.05    3750226.45        5.42391                      400540.05
3750226.45        5.15475
         400560.05    3750226.45        4.82213                      400580.05
3750226.45        4.44967
         400600.05    3750226.45        4.05953                      400620.05
3750226.45        3.67014
         400640.05    3750226.45        3.29576                      400660.05
3750226.45        2.94594
         400680.05    3750226.45        2.62595                      400700.05
3750226.45        2.33843
         400720.05    3750226.45        2.08245                      400740.05
3750226.45        1.85649
         400760.05    3750226.45        1.65885                      400780.05
3750226.45        1.48646
         400800.05    3750226.45        1.33542                      400000.05
3750246.45        0.66261
         400020.05    3750246.45        0.70643                      400040.05
3750246.45        0.75523
         400060.05    3750246.45        0.80911                      400080.05
3750246.45        0.86986
         400100.05    3750246.45        0.93781                      400120.05
3750246.45        1.01307
         400140.05    3750246.45        1.09884                      400160.05
3750246.45        1.19578
         400180.05    3750246.45        1.30789                      400200.05
3750246.45        1.43847
```

```
         400220.05    3750246.45        1.59039                        400240.05
3750246.45        1.77353
         400260.05    3750246.45        1.98801                        400280.05
3750246.45        2.24200
         400300.05    3750246.45        2.54156                        400320.05
3750246.45        2.87145
         400340.05    3750246.45        3.22875                        400360.05
3750246.45        3.59192
         400380.05    3750246.45        3.94489                        400400.05
3750246.45        4.27650
         400420.05    3750246.45        4.56230                        400440.05
3750246.45        4.78392
         400460.05    3750246.45        4.92785                        400480.05
3750246.45        4.98530
         400500.05    3750246.45        4.95303                        400520.05
3750246.45        4.83534
         400540.05    3750246.45        4.64271                        400560.05
3750246.45        4.39069
         400580.05    3750246.45        4.09736                        400600.05
3750246.45        3.77951
         400620.05    3750246.45        3.45303                        400640.05
3750246.45        3.13125
         400660.05    3750246.45        2.82370                        400680.05
3750246.45        2.53645
         400700.05    3750246.45        2.27436                        400720.05
3750246.45        2.03701
         400740.05    3750246.45        1.82419                        400760.05
3750246.45        1.63635
         400780.05    3750246.45        1.47183                        400800.05
3750246.45        1.32444
         400000.05    3750266.45        0.62120                        400020.05
3750266.45        0.66123
         400040.05    3750266.45        0.70533                        400060.05
3750266.45        0.75442
         400080.05    3750266.45        0.80896                        400100.05
3750266.45        0.86934
         400120.05    3750266.45        0.93641                        400140.05
3750266.45        1.01277
         400160.05    3750266.45        1.09873                        400180.05
3750266.45        1.19758
         400200.05    3750266.45        1.31238                        400220.05
3750266.45        1.44603
         400240.05    3750266.45        1.60317                        400260.05
3750266.45        1.78633
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                              INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         400280.05    3750266.45        2.00078                       400300.05
3750266.45        2.25022
         400320.05    3750266.45        2.52609                       400340.05
3750266.45        2.82545
         400360.05    3750266.45        3.13096                       400380.05
3750266.45        3.43099
         400400.05    3750266.45        3.71806                       400420.05
3750266.45        3.97083
         400440.05    3750266.45        4.17446                       400460.05
3750266.45        4.31760
         400480.05    3750266.45        4.39168                       400500.05
3750266.45        4.39309
         400520.05    3750266.45        4.32320                       400540.05
3750266.45        4.18853
         400560.05    3750266.45        3.99973                       400580.05
3750266.45        3.76977
         400600.05    3750266.45        3.51309                       400620.05
3750266.45        3.24153
         400640.05    3750266.45        2.96710                       400660.05
3750266.45        2.69895
         400680.05    3750266.45        2.44328                       400700.05
3750266.45        2.20571
         400720.05    3750266.45        1.98726                       400740.05
3750266.45        1.78878
         400760.05    3750266.45        1.61124                       400780.05
3750266.45        1.45376
         400800.05    3750266.45        1.31215                       400000.05
```

3750286.45 0.58403
400020.05 3750286.45 0.62077 400040.05
3750286.45 0.66059
400060.05 3750286.45 0.70533 400080.05
3750286.45 0.75402
400100.05 3750286.45 0.80768 400120.05
3750286.45 0.86817
400140.05 3750286.45 0.93672 400160.05
3750286.45 1.01378
400180.05 3750286.45 1.10145 400200.05
3750286.45 1.20246
400220.05 3750286.45 1.32093 400240.05
3750286.45 1.45684
400260.05 3750286.45 1.61471 400280.05
3750286.45 1.79765
400300.05 3750286.45 2.00631 400320.05
3750286.45 2.23909
400340.05 3750286.45 2.49180 400360.05
3750286.45 2.75085
400380.05 3750286.45 3.00766 400400.05
3750286.45 3.25728
400420.05 3750286.45 3.48036 400440.05
3750286.45 3.66636
400460.05 3750286.45 3.80486 400480.05
3750286.45 3.88816
400500.05 3750286.45 3.91227 400520.05
3750286.45 3.87708
400540.05 3750286.45 3.78625 400560.05
3750286.45 3.64686
400580.05 3750286.45 3.46809 400600.05
3750286.45 3.26199
400620.05 3750286.45 3.03753 400640.05
3750286.45 2.80495
400660.05 3750286.45 2.57260 400680.05
3750286.45 2.34692
400700.05 3750286.45 2.13307 400720.05
3750286.45 1.93359
400740.05 3750286.45 1.74986 400760.05
3750286.45 1.58314
400780.05 3750286.45 1.43343 400800.05
3750286.45 1.29812
400000.05 3750306.45 0.55052 400020.05
3750306.45 0.58368
400040.05 3750306.45 0.62028 400060.05
3750306.45 0.66029
400080.05 3750306.45 0.70427 400100.05
3750306.45 0.75287
400120.05 3750306.45 0.80703 400140.05
3750306.45 0.86812
400160.05 3750306.45 0.93748 400180.05

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
400240.05	3750306.45	1.32719	400260.05	3750306.45	1.46354
400280.05	3750306.45	1.62059	400300.05	3750306.45	1.80001
400320.05	3750306.45	1.99700	400340.05	3750306.45	2.21286
400360.05	3750306.45	2.43396	400380.05	3750306.45	2.65350
400400.05	3750306.45	2.87086	400420.05	3750306.45	3.06864
400440.05	3750306.45	3.23805	400460.05	3750306.45	3.37017
400480.05	3750306.45	3.45792	400500.05	3750306.45	3.49749
400520.05	3750306.45	3.48735	400540.05	3750306.45	3.42966
400560.05	3750306.45	3.32886	400580.05	3750306.45	3.19162

```
        400600.05    3750306.45        3.02693                    400620.05
3750306.45        2.84247
        400640.05    3750306.45        2.64652                    400660.05
3750306.45        2.44627
        400680.05    3750306.45        2.24865                    400700.05
3750306.45        2.05749
        400720.05    3750306.45        1.87649                    400740.05
3750306.45        1.70778
        400760.05    3750306.45        1.55210                    400780.05
3750306.45        1.41094
        400800.05    3750306.45        1.28208                    400173.02
3749643.75        1.18212
        400193.02    3749643.75        1.25866                    400213.02
3749643.75        1.33959
        400233.02    3749643.75        1.42364                    400253.02
3749643.75        1.50894
        400273.02    3749643.75        1.59300                    400293.02
3749643.75        1.67287
        400313.02    3749643.75        1.74518                    400333.02
3749643.75        1.80651
        400353.02    3749643.75        1.85365                    400373.02
3749643.75        1.88390
        400173.02    3749663.75        1.33728                    400193.02
3749663.75        1.43067
        400213.02    3749663.75        1.53067                    400233.02
3749663.75        1.63597
        400253.02    3749663.75        1.74433                    400273.02
3749663.75        1.85269
        400293.02    3749663.75        1.95713                    400313.02
3749663.75        2.05297
        400333.02    3749663.75        2.13539                    400353.02
3749663.75        2.19951
        400373.02    3749663.75        2.24121                    400173.02
3749683.75        1.52500
        400193.02    3749683.75        1.64029                    400213.02
3749683.75        1.76541
        400233.02    3749683.75        1.89909                    400253.02
3749683.75        2.03884
        400273.02    3749683.75        2.18085                    400293.02
3749683.75        2.31991
        400313.02    3749683.75        2.44957                    400333.02
3749683.75        2.56264
        400353.02    3749683.75        2.65190                    400373.02
3749683.75        2.71088
        400173.02    3749703.75        1.75404                    400193.02
3749703.75        1.89854
        400213.02    3749703.75        2.05765                    400233.02
3749703.75        2.23038
        400253.02    3749703.75        2.41414                    400273.02
3749703.75        2.60425
```

```
         400293.02    3749703.75        2.79376                      400313.02
3749703.75        2.97362
         400333.02    3749703.75        3.13305                      400353.02
3749703.75        3.26090
         400373.02    3749703.75        3.34687                      400173.02
3749723.75        2.03515
         400193.02    3749723.75        2.21964                      400213.02
3749723.75        2.42612
         400233.02    3749723.75        2.65451                      400253.02
3749723.75        2.90238
         400273.02    3749723.75        3.16416                      400293.02
3749723.75        3.43053
↑ *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                        ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***        11:03:40

                                  PAGE 278
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         400313.02    3749723.75        3.68837                      400333.02
3749723.75        3.92130
         400353.02    3749723.75        4.11128                      400373.02
3749723.75        4.24122
         400173.02    3749743.75        2.38062                      400193.02
3749743.75        2.62108
         400213.02    3749743.75        2.89548                      400233.02
3749743.75        3.20591
         400253.02    3749743.75        3.55128                      400273.02
```

```
3749743.75        3.92538
         400293.02    3749743.75        4.31550                    400313.02
3749743.75        4.70206
         400333.02    3749743.75        5.05910                    400353.02
3749743.75        5.35577
         400373.02    3749743.75        5.56172                    400173.02
3749763.75        2.80279
         400193.02    3749763.75        3.12250                    400213.02
3749763.75        3.49610
         400233.02    3749763.75        3.93087                    400253.02
3749763.75        4.43053
         400273.02    3749763.75        4.99048                    400293.02
3749763.75        5.59327
         400313.02    3749763.75        6.20872                    400333.02
3749763.75        6.79372
         400353.02    3749763.75        7.29195                    400373.02
3749763.75        7.64158
         400173.02    3749783.75        3.31080                    400193.02
3749783.75        3.74247
         400213.02    3749783.75        4.26152                    400233.02
3749783.75        4.88802
         400253.02    3749783.75        5.63986                    400273.02
3749783.75        6.52236
         400293.02    3749783.75        7.51671                    400313.02
3749783.75        8.57599
         400333.02    3749783.75        9.62797                    400353.02
3749783.75       10.55974
         400373.02    3749783.75       11.22226                    400173.02
3749803.75        3.90473
         400193.02    3749803.75        4.49171                    400213.02
3749803.75        5.22243
         400233.02    3749803.75        6.14363                    400253.02
3749803.75        7.31260
         400273.02    3749803.75        8.77837                    400293.02
3749803.75       10.54405
         400313.02    3749803.75       12.54793                    400173.02
3749823.75        4.56658
         400193.02    3749823.75        5.35928                    400213.02
3749823.75        6.38794
         400233.02    3749823.75        7.75471                    400253.02
3749823.75        9.61372
         400273.02    3749823.75       12.16563                    400173.02
3749843.75        5.25113
         400193.02    3749843.75        6.29077                    400213.02
3749843.75        7.70436
         400233.02    3749843.75        9.70498                    400253.02
3749843.75       12.67937
         400273.02    3749843.75       17.32122
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        400000.05   3749506.45   41.21141 (22010708)   400020.05
3749506.45   39.87652 (22010708)
        400040.05   3749506.45   39.52119 (17120108)   400060.05
3749506.45   42.08002 (21122314)
        400080.05   3749506.45   45.18583 (21122314)   400100.05
3749506.45   47.75766 (21122314)
        400120.05   3749506.45   49.61440 (21122314)   400140.05
3749506.45   50.59634 (21122314)
        400160.05   3749506.45   50.58259 (21122314)   400180.05
3749506.45   50.92600 (20012208)
        400200.05   3749506.45   52.50737 (20012208)   400220.05
3749506.45   54.02301 (20012208)
        400240.05   3749506.45   55.44841 (20012208)   400260.05
3749506.45   56.76133 (20012208)
        400280.05   3749506.45   60.49803 (20122815)   400300.05
3749506.45   65.97242 (20122815)
        400320.05   3749506.45   69.47641 (20122815)   400340.05
3749506.45   70.63330 (20122815)
        400360.05   3749506.45   69.27253 (20122815)   400380.05
3749506.45   65.46406 (20122815)
        400400.05   3749506.45   60.99802 (20012208)   400420.05
3749506.45   60.74421 (20012208)

```
        400440.05   3749506.45       60.24905  (20012208)                400460.05
3749506.45       59.53263  (20012208)
        400480.05   3749506.45       58.62295  (20012208)                400500.05
3749506.45       57.53950  (20012208)
        400520.05   3749506.45       56.29009  (20012208)                400540.05
3749506.45       54.92142  (20012208)
        400560.05   3749506.45       53.44315  (20012208)                400580.05
3749506.45       51.87852  (20012208)
        400600.05   3749506.45       50.25016  (20012208)                400620.05
3749506.45       48.59686  (20012208)
        400640.05   3749506.45       46.91992  (20012208)                400660.05
3749506.45       45.24109  (20012208)
        400680.05   3749506.45       43.57619  (17120108)                400700.05
3749506.45       41.93956  (17120108)
        400720.05   3749506.45       40.33083  (17120108)                400740.05
3749506.45       38.76536  (17120108)
        400760.05   3749506.45       37.24753  (17120108)                400780.05
3749506.45       35.77922  (17120108)
        400800.05   3749506.45       34.36187  (17120108)                400000.05
3749526.45       46.51261  (22010708)
        400020.05   3749526.45       45.10236  (22010708)                400040.05
3749526.45       43.65398  (22010708)
        400060.05   3749526.45       43.23467  (20012208)                400080.05
3749526.45       46.95293  (21122314)
        400100.05   3749526.45       50.29464  (21122314)                400120.05
3749526.45       52.95334  (21122314)
        400140.05   3749526.45       54.72343  (21122314)                400160.05
3749526.45       55.42485  (21122314)
        400180.05   3749526.45       54.96021  (21122314)                400200.05
3749526.45       56.25936  (20012208)
        400220.05   3749526.45       58.02710  (20012208)                400240.05
3749526.45       59.70049  (20012208)
        400260.05   3749526.45       61.24593  (20012208)                400280.05
3749526.45       63.94245  (20122815)
        400300.05   3749526.45       70.28689  (20122815)                400320.05
3749526.45       74.51140  (20122815)
        400340.05   3749526.45       76.16092  (20122815)                400360.05
3749526.45       75.00611  (20122815)
        400380.05   3749526.45       71.08595  (20122815)                400400.05
3749526.45       66.30080  (20012208)
        400420.05   3749526.45       65.99308  (20012208)                400440.05
3749526.45       65.39961  (20012208)
        400460.05   3749526.45       64.54869  (20012208)                400480.05
3749526.45       63.46646  (20012208)
        400500.05   3749526.45       62.17980  (20012208)                400520.05
3749526.45       60.70973  (20012208)
        400540.05   3749526.45       59.09568  (20012208)                400560.05
3749526.45       57.36326  (20012208)
        400580.05   3749526.45       55.54112  (20012208)                400600.05
3749526.45       53.65587  (20012208)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
400780.05	3749526.45	37.34786	(17120108)	400800.05	3749526.45	36.50455	(17011215)
400000.05	3749546.45	52.50073	(22010708)	400020.05	3749546.45	51.08893	(22010708)
400040.05	3749546.45	49.55976	(22010708)	400060.05	3749546.45	47.99524	(22010708)
400080.05	3749546.45	48.41162	(21122314)	400100.05	3749546.45	52.59446	(21122314)
400120.05	3749546.45	56.15940	(21122314)	400140.05	3749546.45	58.85994	(21122314)
400160.05	3749546.45	60.45177	(21122314)	400180.05	3749546.45	60.76743	(21122314)
400200.05	3749546.45	60.42387	(20012208)	400220.05			

```
3749546.45       62.49701  (20012208)
        400240.05   3749546.45       64.47494  (20012208)                400260.05
3749546.45       66.30761  (20012208)
        400280.05   3749546.45       67.97386  (20012208)                400300.05
3749546.45       74.99789  (20122815)
        400320.05   3749546.45       80.06654  (20122815)                400340.05
3749546.45       82.31140  (20122815)
        400360.05   3749546.45       81.43412  (20122815)                400380.05
3749546.45       77.43034  (20122815)
        400400.05   3749546.45       72.39027  (20012208)                400420.05
3749546.45       72.01445  (20012208)
        400440.05   3749546.45       71.29959  (20012208)                400460.05
3749546.45       70.27905  (20012208)
        400480.05   3749546.45       68.98210  (20012208)                400500.05
3749546.45       67.44235  (20012208)
        400520.05   3749546.45       65.69740  (20012208)                400540.05
3749546.45       63.78007  (20012208)
        400560.05   3749546.45       61.73756  (20012208)                400580.05
3749546.45       59.60407  (20012208)
        400600.05   3749546.45       57.41051  (20012208)                400620.05
3749546.45       55.20352  (20012208)
        400640.05   3749546.45       52.99386  (20012208)                400660.05
3749546.45       50.80786  (20012208)
        400680.05   3749546.45       48.66655  (20012208)                400700.05
3749546.45       46.58539  (20012208)
        400720.05   3749546.45       44.56766  (20012208)                400740.05
3749546.45       42.62607  (20012208)
        400760.05   3749546.45       41.01895  (17011215)                400780.05
3749546.45       40.50642  (17011215)
        400800.05   3749546.45       39.68671  (17011215)                400000.05
3749566.45       59.12331  (22010708)
        400020.05   3749566.45       57.82264  (22010708)                400040.05
3749566.45       56.34130  (22010708)
        400060.05   3749566.45       54.74143  (22010708)                400080.05
3749566.45       53.03508  (22010708)
        400100.05   3749566.45       54.55955  (21122314)                400120.05
3749566.45       59.14386  (21122314)
        400140.05   3749566.45       62.92011  (21122314)                400160.05
3749566.45       65.58899  (21122314)
        400180.05   3749566.45       66.89911  (21122314)                400200.05
3749566.45       66.66438  (21122314)
        400220.05   3749566.45       67.50944  (20012208)                400240.05
3749566.45       69.84935  (20012208)
        400260.05   3749566.45       72.04623  (20012208)                400280.05
3749566.45       74.04927  (20012208)
        400300.05   3749566.45       80.15827  (20122815)                400320.05
3749566.45       86.21646  (20122815)
        400340.05   3749566.45       89.18178  (20122815)                400360.05
3749566.45       88.66590  (20122815)
        400380.05   3749566.45       84.61939  (20122815)                400400.05
```

```
3749566.45       79.44169  (20012208)
        400420.05   3749566.45       79.00644  (20012208)                400440.05
3749566.45       78.13944  (20012208)
        400460.05   3749566.45       76.89378  (20012208)                400480.05
3749566.45       75.32083  (20012208)
        400500.05   3749566.45       73.46641  (20012208)                400520.05
3749566.45       71.36263  (20012208)
        400540.05   3749566.45       69.07068  (20012208)                400560.05
3749566.45       66.64526  (20012208)
        400580.05   3749566.45       64.12817  (20012208)                400600.05
3749566.45       61.55941  (20012208)
        400620.05   3749566.45       58.99841  (20012208)                400640.05
3749566.45       56.44902  (20012208)
        400660.05   3749566.45       53.94519  (20012208)                400680.05
3749566.45       51.50913  (20012208)
        400700.05   3749566.45       49.15401  (20012208)                400720.05
3749566.45       46.89207  (20012208)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        400740.05   3749566.45   45.84144 (17011215)   400760.05
3749566.45   45.17127 (17011215)
        400780.05   3749566.45   44.12045 (17011215)   400800.05
3749566.45   42.77682 (17011215)
```
```

```
        400000.05   3749586.45       66.37563  (22010708)               400020.05
3749586.45       65.32237  (22010708)
        400040.05   3749586.45       64.01888  (22010708)               400060.05
3749586.45       62.50073  (22010708)
        400080.05   3749586.45       60.76825  (22010708)               400100.05
3749586.45       58.92076  (22010708)
        400120.05   3749586.45       61.77841  (21122314)               400140.05
3749586.45       66.78406  (21122314)
        400160.05   3749586.45       70.72926  (21122314)               400180.05
3749586.45       73.28039  (21122314)
        400200.05   3749586.45       74.14643  (21122314)               400220.05
3749586.45       73.15285  (21122314)
        400240.05   3749586.45       75.95409  (20012208)               400260.05
3749586.45       78.60092  (20012208)
        400280.05   3749586.45       81.02651  (20012208)               400300.05
3749586.45       85.83938  (20122815)
        400320.05   3749586.45       93.05886  (20122815)               400340.05
3749586.45       96.88649  (20122815)
        400360.05   3749586.45       96.84260  (20122815)               400380.05
3749586.45       92.81334  (20122815)
        400400.05   3749586.45       87.67126  (20012208)               400420.05
3749586.45       87.13567  (20012208)
        400440.05   3749586.45       86.07642  (20012208)               400460.05
3749586.45       84.55193  (20012208)
        400480.05   3749586.45       82.62600  (20012208)               400500.05
3749586.45       80.36086  (20012208)
        400520.05   3749586.45       77.80832  (20012208)               400540.05
3749586.45       75.04879  (20012208)
        400560.05   3749586.45       72.14811  (20012208)               400580.05
3749586.45       69.16300  (20012208)
        400600.05   3749586.45       66.14549  (20012208)               400620.05
3749586.45       63.14989  (20012208)
        400640.05   3749586.45       60.19718  (20012208)               400660.05
3749586.45       57.32321  (20012208)
        400680.05   3749586.45       54.55007  (20012208)               400700.05
3749586.45       51.88575  (20012208)
        400720.05   3749586.45       51.51708  (17011215)               400740.05
3749586.45       50.63537  (17011215)
        400760.05   3749586.45       49.30387  (17011215)               400780.05
3749586.45       47.61997  (17011215)
        400800.05   3749586.45       45.67822  (17011215)               400000.05
3749606.45       75.78428  (21122308)
        400020.05   3749606.45       73.52216  (22010708)               400040.05
3749606.45       72.56629  (22010708)
        400060.05   3749606.45       71.28133  (22010708)               400080.05
3749606.45       69.69347  (22010708)
        400100.05   3749606.45       67.86140  (22010708)               400120.05
3749606.45       65.85971  (22010708)
        400140.05   3749606.45       70.31312  (21122314)               400160.05
3749606.45       75.74135  (21122314)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
400700.05	3749606.45	58.23216	(17011215)	400720.05	3749606.45	57.08274	(17011215)
400740.05	3749606.45	55.39173	(17011215)	400760.05	3749606.45	53.28309	(17011215)
400780.05	3749606.45	50.87478	(17011215)	400800.05	3749606.45	48.27195	(17011215)
400000.05	3749626.45	88.35570	(21122308)	400020.05	3749626.45	85.07063	(21122308)
400040.05	3749626.45	81.77678	(22010708)	400060.05	3749626.45	80.93593	(22010708)
400080.05	3749626.45	79.69543	(22010708)	400100.05	3749626.45	78.08586	(22010708)
400120.05	3749626.45	76.17878	(22010708)	400140.05	3749626.45	74.06360	(22010708)
400160.05	3749626.45	80.47957	(21122314)	400180.05	3749626.45	86.33102	(21122314)
400200.05	3749626.45	90.38900	(21122314)	400220.05	3749626.45	92.20405	(21122314)
400240.05	3749626.45	91.47717	(21122314)	400260.05	3749626.45	94.78838	(20012208)
400280.05	3749626.45	98.46769	(20012208)	400300.05	3749626.45	101.77301	(20012208)
400320.05	3749626.45	109.30890	(20122815)	400340.05	3749626.45	115.38651	(20122815)
400360.05	3749626.45	116.71292	(20122815)	400380.05	3749626.45	113.00487	(20122815)
400400.05	3749626.45	109.02201	(17010316)	400420.05	3749626.45	108.14256	(20012208)
400440.05	3749626.45	106.48738	(20012208)	400460.05	3749626.45	104.09844	(20012208)
400480.05	3749626.45	101.09842	(20012208)	400500.05	3749626.45	97.61442	(20012208)
400520.05	3749626.45	93.75035	(20012208)	400540.05	3749626.45	89.63417	(20012208)
400560.05	3749626.45	85.38526	(20012208)	400580.05	3749626.45	81.09760	(20012208)
400600.05	3749626.45	76.84595	(20012208)	400620.05	3749626.45	72.70303	(20012208)
400640.05	3749626.45	68.71153	(20012208)	400660.05	3749626.45	67.03465	(17011215)
400680.05	3749626.45	66.27385	(17011215)	400700.05	3749626.45	64.72820	(17011215)
400720.05	3749626.45	62.57496	(17011215)	400740.05	3749626.45	59.93519	(17011215)
400760.05	3749626.45	56.94892	(17011215)	400780.05			

3749626.45   54.04699 (17121116)
        400800.05   3749626.45   53.85617 (17121116)   400000.05
3749646.45   102.24011 (21010508)
        400020.05   3749646.45   99.28288 (21010508)   400040.05
3749646.45   95.94141 (21122308)
        400060.05   3749646.45   91.69917 (21122308)   400080.05
3749646.45   90.82530 (22010708)
        400100.05   3749646.45   89.71607 (22010708)   400120.05
3749646.45   88.15579 (22010708)
        400140.05   3749646.45   86.22237 (22010708)   400400.05
3749646.45   124.04807 (17010316)
        400420.05   3749646.45   121.94165 (20012208)   400440.05
3749646.45   119.81767 (20012208)
        400460.05   3749646.45   116.76037 (20012208)   400480.05
3749646.45   112.93545 (20012208)
        400500.05   3749646.45   108.52397 (20012208)   400520.05
3749646.45   103.68735 (20012208)
        400540.05   3749646.45   98.57469 (20012208)   400560.05
3749646.45   93.36383 (20012208)
        400580.05   3749646.45   88.17476 (20012208)   400600.05
3749646.45   83.08643 (20012208)
        400620.05   3749646.45   78.18441 (20012208)   400640.05
3749646.45   77.18385 (17011215)
        400660.05   3749646.45   76.06588 (17011215)   400680.05
3749646.45   73.98857 (17011215)
        400700.05   3749646.45   71.15480 (17011215)   400720.05
3749646.45   67.80407 (17011215)
        400740.05   3749646.45   64.07609 (17011215)   400760.05
3749646.45   61.85656 (17121116)
        400780.05   3749646.45   61.19927 (17121116)   400800.05
3749646.45   60.02521 (17121116)
        400000.05   3749666.45   118.00358 (21010508)   400020.05
3749666.45   116.10552 (21010508)
        400040.05   3749666.45   113.41525 (21010508)   400060.05
3749666.45   109.78914 (21010508)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018

```
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        400080.05   3749666.45      105.41742  (21010508)                400100.05
3749666.45      102.69080  (22010708)
        400120.05   3749666.45      101.80746  (22010708)                400140.05
3749666.45      100.38254  (22010708)
        400400.05   3749666.45      142.43386  (17010316)                400420.05
3749666.45      138.84751  (20012208)
        400440.05   3749666.45      136.07890  (20012208)                400460.05
3749666.45      132.10665  (20012208)
        400480.05   3749666.45      127.15013  (20012208)                400500.05
3749666.45      121.46625  (20012208)
        400520.05   3749666.45      115.32432  (20012208)                400540.05
3749666.45      108.90043  (20012208)
        400560.05   3749666.45      102.44827  (20012208)                400580.05
3749666.45       96.12007  (20012208)
        400600.05   3749666.45       90.00416  (20012208)                400620.05
3749666.45       89.78511  (17011215)
        400640.05   3749666.45       88.15294  (17011215)                400660.05
3749666.45       85.31646  (17011215)
        400680.05   3749666.45       81.58694  (17011215)                400700.05
3749666.45       77.23035  (17011215)
        400720.05   3749666.45       72.51317  (17011215)                400740.05
3749666.45       71.14714  (17121116)
        400760.05   3749666.45       69.83757  (17121116)                400780.05
3749666.45       67.94652  (17121116)
        400800.05   3749666.45       65.61357  (17121116)                400000.05
3749686.45      134.00870  (21010508)
        400020.05   3749686.45      133.64542  (21010508)                400040.05
3749686.45      132.38903  (21010508)
        400060.05   3749686.45      130.10141  (21010508)                400080.05
3749686.45      126.76380  (21010508)
        400100.05   3749686.45      122.28537  (21010508)                400120.05
3749686.45      116.85300  (22010708)
        400140.05   3749686.45      116.49571  (22010708)                400400.05
3749686.45      165.25280  (17010316)
        400420.05   3749686.45      159.95051  (20012208)                400440.05
3749686.45      156.27642  (20012208)
```

```
        400460.05   3749686.45      150.99948  (20012208)                400480.05
3749686.45      144.45147  (20012208)
        400500.05   3749686.45      137.01786  (20012208)                400520.05
3749686.45      129.04963  (20012208)
        400540.05   3749686.45      120.89062  (20012208)                400560.05
3749686.45      112.82550  (20012208)
        400580.05   3749686.45      106.17319  (17011215)                400600.05
3749686.45      105.73585  (17011215)
        400620.05   3749686.45      103.31667  (17011215)                400640.05
3749686.45       99.38863  (17011215)
        400660.05   3749686.45       94.38583  (17011215)                400680.05
3749686.45       88.68197  (17011215)
        400700.05   3749686.45       83.67402  (17121116)                400720.05
3749686.45       82.26784  (17121116)
        400740.05   3749686.45       80.03319  (17121116)                400760.05
3749686.45       77.16653  (17121116)
        400780.05   3749686.45       73.84598  (17121116)                400800.05
3749686.45       70.24186  (17121116)
        400000.05   3749706.45      149.54601  (21010508)                400020.05
3749706.45      151.16833  (21010508)
        400040.05   3749706.45      151.88627  (21010508)                400060.05
3749706.45      151.59969  (21010508)
        400080.05   3749706.45      150.00611  (21010508)                400100.05
3749706.45      147.11105  (21010508)
        400120.05   3749706.45      142.92598  (21010508)                400140.05
3749706.45      137.49352  (21010508)
        400400.05   3749706.45      193.98227  (17010316)                400420.05
3749706.45      186.93147  (20012208)
        400440.05   3749706.45      181.93596  (20012208)                400460.05
3749706.45      174.75716  (20012208)
        400480.05   3749706.45      165.89397  (20012208)                400500.05
3749706.45      155.93038  (20012208)
        400520.05   3749706.45      145.42554  (20012208)                400540.05
3749706.45      134.89281  (20012208)
        400560.05   3749706.45      127.40516  (17011215)                400580.05
3749706.45      126.43350  (17011215)
        400600.05   3749706.45      122.81240  (17011215)                400620.05
3749706.45      117.22656  (17011215)
        400640.05   3749706.45      110.38262  (17011215)                400660.05
3749706.45      102.79512  (17011215)
        400680.05   3749706.45       98.30864  (17121116)                400700.05
3749706.45       95.63281  (17121116)
        400720.05   3749706.45       92.07333  (17121116)                400740.05
3749706.45       87.88425  (17121116)
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        400760.05   3749706.45       83.27671  (17121116)               400780.05
3749706.45       78.43233  (17121116)
        400800.05   3749706.45       73.49878  (17121116)               400000.05
3749726.45      163.72411  (21010508)
        400020.05   3749726.45      167.72394  (21010508)               400040.05
3749726.45      170.92609  (21010508)
        400060.05   3749726.45      173.26717  (21010508)               400080.05
3749726.45      174.27689  (21010508)
        400100.05   3749726.45      173.86615  (21010508)               400120.05
3749726.45      171.97504  (21010508)
        400140.05   3749726.45      168.52430  (21010508)               400400.05
3749726.45      230.78609  (17010316)
        400420.05   3749726.45      222.40800  (20012208)               400440.05
3749726.45      215.43313  (20012208)
        400460.05   3749726.45      205.37348  (20012208)               400480.05
3749726.45      193.00888  (20012208)
        400500.05   3749726.45      179.28223  (20012208)               400520.05
3749726.45      165.13965  (20012208)
        400540.05   3749726.45      155.85574  (17011215)               400560.05
3749726.45      154.07244  (17011215)
        400580.05   3749726.45      148.52224  (17011215)               400600.05
3749726.45      140.41317  (17011215)
        400620.05   3749726.45      130.77119  (17011215)               400640.05
3749726.45      120.43719  (17011215)
        400660.05   3749726.45      116.40706  (17121116)               400680.05
3749726.45      111.83381  (17121116)
        400700.05   3749726.45      106.35885  (17121116)               400720.05
```

```
3749726.45      100.33948  (17121116)
        400740.05   3749726.45       94.03030  (17121116)                400760.05
3749726.45       87.63014  (17121116)
        400780.05   3749726.45       81.28380  (17121116)                400800.05
3749726.45       75.08564  (17121116)
        400000.05   3749746.45      175.49222  (21010508)                400020.05
3749746.45      182.14469  (21010508)
        400040.05   3749746.45      188.22764  (21010508)                400060.05
3749746.45      193.67918  (21010508)
        400080.05   3749746.45      198.01826  (21010508)                400100.05
3749746.45      201.13093  (21010508)
        400120.05   3749746.45      202.75005  (21010508)                400140.05
3749746.45      202.56514  (21010508)
        400400.05   3749746.45      278.82509  (17010316)                400420.05
3749746.45      270.75448  (20012208)
        400440.05   3749746.45      260.67687  (20012208)                400460.05
3749746.45      246.01724  (20012208)
        400480.05   3749746.45      228.08678  (20012208)                400500.05
3749746.45      208.54962  (20012208)
        400520.05   3749746.45      195.42265  (17011215)                400540.05
3749746.45      192.34752  (17011215)
        400560.05   3749746.45      183.59795  (17011215)                400580.05
3749746.45      171.39694  (17011215)
        400600.05   3749746.45      157.44543  (17011215)                400620.05
3749746.45      145.06956  (17121116)
        400640.05   3749746.45      138.94665  (17121116)                400660.05
3749746.45      131.53178  (17121116)
        400680.05   3749746.45      123.36780  (17121116)                400700.05
3749746.45      114.85283  (17121116)
        400720.05   3749746.45      106.28186  (17121116)                400740.05
3749746.45       97.87161  (17121116)
        400760.05   3749746.45       89.77029  (17121116)                400780.05
3749746.45       82.08828  (17121116)
        400800.05   3749746.45       75.09798  (21121716)                400000.05
3749766.45      183.87383  (21010508)
        400020.05   3749766.45      193.23621  (21010508)                400040.05
3749766.45      202.40615  (21010508)
        400060.05   3749766.45      211.30865  (21010508)                400080.05
3749766.45      219.54740  (21010508)
        400100.05   3749766.45      226.99101  (21010508)                400120.05
3749766.45      233.23963  (21010508)
        400140.05   3749766.45      237.74315  (21010508)                400400.05
3749766.45      345.90829  (20012208)
        400420.05   3749766.45      339.97136  (20012208)                400440.05
3749766.45      324.99839  (20012208)
        400460.05   3749766.45      302.69437  (20012208)                400480.05
3749766.45      275.31339  (20012208)
        400500.05   3749766.45      252.71084  (17011215)                400520.05
3749766.45      247.98694  (17011215)
        400540.05   3749766.45      233.59174  (17011215)                400560.05
```

```
3749766.45      214.28226  (17011215)
        400580.05   3749766.45      193.26461  (17011215)                400600.05
3749766.45      178.02017  (17121116)
↑ *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                        ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                      ***        11:03:40

                                  PAGE 285
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
        400620.05   3749766.45      167.23670  (17121116)                400640.05
3749766.45      155.51486  (17121116)
        400660.05   3749766.45      143.49443  (17121116)                400680.05
3749766.45      131.58634  (17121116)
        400700.05   3749766.45      120.07784  (17121116)                400720.05
3749766.45      109.13674  (17121116)
        400740.05   3749766.45       98.86986  (17121116)                400760.05
3749766.45       90.79046  (21121716)
        400780.05   3749766.45       84.38530  (21121716)                400800.05
3749766.45       78.27109  (21121716)
        400000.05   3749786.45      191.93054  (20122816)                400020.05
3749786.45      199.86461  (21010508)
        400040.05   3749786.45      212.07310  (21010508)                400060.05
3749786.45      224.53967  (21010508)
        400080.05   3749786.45      236.95806  (21010508)                400100.05
3749786.45      249.13425  (21010508)
        400120.05   3749786.45      260.71222  (21010508)                400140.05
3749786.45      271.28357  (21010508)
```

```
        400400.05   3749786.45      454.67199  (20012208)                400420.05
3749786.45      446.38025  (20012208)
        400440.05   3749786.45      423.57451  (20012208)                400460.05
3749786.45      387.67000  (20012208)
        400480.05   3749786.45      342.36859  (20012208)                400500.05
3749786.45      334.29707  (17011215)
        400520.05   3749786.45      309.55254  (17011215)                400540.05
3749786.45      276.66128  (17011215)
        400560.05   3749786.45      243.01967  (17011215)                400580.05
3749786.45      221.31946  (17121116)
        400600.05   3749786.45      202.92067  (17121116)                400620.05
3749786.45      184.67687  (17121116)
        400640.05   3749786.45      167.19135  (17121116)                400660.05
3749786.45      150.73736  (17121116)
        400680.05   3749786.45      135.41785  (17121116)                400700.05
3749786.45      121.48397  (21121716)
        400720.05   3749786.45      111.74182  (21121716)                400740.05
3749786.45      102.68210  (21121716)
        400760.05   3749786.45       95.89366  (22121516)                400780.05
3749786.45       92.58121  (22121516)
        400800.05   3749786.45       89.30028  (22121516)                400000.05
3749806.45      211.81837  (20122816)
        400020.05   3749806.45      222.73477  (20122816)                400040.05
3749806.45      233.82811  (20122816)
        400060.05   3749806.45      245.00824  (20122816)                400080.05
3749806.45      256.20594  (20122816)
        400100.05   3749806.45      267.29681  (20122816)                400120.05
3749806.45      283.02486  (17011216)
        400140.05   3749806.45      300.05432  (21010508)                400400.05
3749806.45      640.04192  (20012208)
        400420.05   3749806.45      628.55265  (20012208)                400440.05
3749806.45      593.84931  (20012208)
        400460.05   3749806.45      531.87397  (20012208)                400480.05
3749806.45      476.77587  (17011215)
        400500.05   3749806.45      435.85831  (17011215)                400520.05
3749806.45      373.85757  (17011215)
        400540.05   3749806.45      315.42060  (17011215)                400560.05
3749806.45      278.47515  (17121116)
        400580.05   3749806.45      247.63909  (17121116)                400600.05
3749806.45      219.80603  (17121116)
        400620.05   3749806.45      194.78538  (17121116)                400640.05
3749806.45      172.33996  (17121116)
        400660.05   3749806.45      155.02144  (21121716)                400680.05
3749806.45      146.68055  (22121516)
        400700.05   3749806.45      139.08092  (22121516)                400720.05
3749806.45      132.02550  (22121516)
        400740.05   3749806.45      125.45362  (22121516)                400760.05
3749806.45      119.31822  (22121516)
        400780.05   3749806.45      113.58983  (22121516)                400800.05
3749806.45      108.17572  (22121516)
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
400000.05	3749826.45	222.23888	(20122816)	400020.05	3749826.45	237.08057	(20122816)
400040.05	3749826.45	252.75481	(20122816)	400060.05	3749826.45	269.22497	(20122816)
400080.05	3749826.45	286.63154	(20122816)	400100.05	3749826.45	305.11979	(20122816)
400120.05	3749826.45	324.78802	(20122816)	400140.05	3749826.45	352.25170	(17011216)
400489.80	3749826.45	602.76550	(17011215)	400500.05	3749826.45	535.11075	(17011215)
400520.05	3749826.45	424.08477	(17011215)	400540.05	3749826.45	355.17075	(22121516)
400560.05	3749826.45	314.74912	(22121516)	400580.05	3749826.45	282.19088	(22121516)
400600.05	3749826.45	255.66832	(22121516)	400620.05	3749826.45	233.58092	(22121516)
400640.05	3749826.45	214.86294	(22121516)	400660.05	3749826.45	198.73792	(22121516)
400680.05	3749826.45	184.64781	(22121516)	400700.05	3749826.45	172.18203	(22121516)
400720.05	3749826.45	161.03802	(22121516)	400740.05			

3749826.45 150.98687 (22121516)
400760.05 3749826.45 141.86098 (22121516) 400780.05
3749826.45 133.55263 (22121516)
400800.05 3749826.45 125.89078 (22121516) 400000.05
3749846.45 221.90577 (20122816)
400020.05 3749846.45 239.91595 (20122816) 400040.05
3749846.45 259.22349 (20122816)
400060.05 3749846.45 279.92196 (20122816) 400080.05
3749846.45 302.22942 (20122816)
400100.05 3749846.45 326.47210 (20122816) 400120.05
3749846.45 353.07958 (20122816)
400140.05 3749846.45 388.12950 (17011216) 400489.80
3749846.45 777.87885 (22121516)
400500.05 3749846.45 703.73294 (22121516) 400520.05
3749846.45 578.28002 (22121516)
400540.05 3749846.45 484.57554 (22121516) 400560.05
3749846.45 415.21921 (22121516)
400580.05 3749846.45 362.67637 (22121516) 400600.05
3749846.45 321.77135 (22121516)
400620.05 3749846.45 288.69981 (22121516) 400640.05
3749846.45 261.45972 (22121516)
400660.05 3749846.45 238.52534 (22121516) 400680.05
3749846.45 218.86506 (22121516)
400700.05 3749846.45 201.76338 (22121516) 400720.05
3749846.45 186.71280 (22121516)
400740.05 3749846.45 173.33601 (22121516) 400760.05
3749846.45 161.35874 (22121516)
400780.05 3749846.45 150.61031 (22121516) 400800.05
3749846.45 140.83972 (22121516)
400000.05 3749866.45 210.93634 (20122816) 400020.05
3749866.45 231.11982 (20122816)
400040.05 3749866.45 253.08878 (20122816) 400060.05
3749866.45 276.99330 (20122816)
400080.05 3749866.45 302.93266 (20122816) 400100.05
3749866.45 331.26942 (20122816)
400120.05 3749866.45 362.48703 (20122816) 400140.05
3749866.45 402.62220 (17011216)
400160.05 3749866.45 452.78207 (17011216) 400180.05
3749866.45 511.22365 (17011216)
400200.05 3749866.45 580.14563 (17011216) 400220.05
3749866.45 662.05561 (17011216)
400240.05 3749866.45 757.69681 (17011216) 400260.05
3749866.45 862.74240 (17011216)
400276.45 3749866.45 948.58899 (17011216) 400489.80
3749866.45 863.00028 (22121516)
400500.05 3749866.45 789.69850 (22121516) 400520.05
3749866.45 663.93932 (22121516)
400540.05 3749866.45 562.19913 (22121516) 400560.05
3749866.45 482.73406 (22121516)
400580.05 3749866.45 420.57745 (22121516) 400600.05

```
3749866.45      371.06445  (22121516)
        400620.05   3749866.45      330.92264  (22121516)                400640.05
3749866.45      297.63224  (22121516)
        400660.05   3749866.45      269.54602  (22121516)                400680.05
3749866.45      245.49672  (22121516)
        400700.05   3749866.45      224.63961  (22121516)                400720.05
3749866.45      206.36769  (22121516)
        400740.05   3749866.45      190.23088  (22121516)                400760.05
3749866.45      175.88952  (22121516)
        400780.05   3749866.45      163.09850  (22121516)                400800.05
3749866.45      151.56197  (22121516)
        400000.05   3749886.45      198.98941  (18011908)                400020.05
3749886.45      212.48353  (20123108)
        400040.05   3749886.45      234.80674  (20122816)                400060.05
3749886.45      261.07113  (20122816)
        400080.05   3749886.45      289.69124  (20122816)                400100.05
3749886.45      321.25123  (20122816)
        400120.05   3749886.45      356.13705  (20122816)                400140.05
3749886.45      396.93121  (17011216)
        400160.05   3749886.45      451.86686  (17011216)                400180.05
3749886.45      515.56763  (17011216)
```



```
                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
        400200.05   3749886.45      590.07882  (17011216)              400220.05
3749886.45      677.69450  (17011216)
        400240.05   3749886.45      778.78832  (17011216)              400260.05
3749886.45      889.00577  (17011216)
        400276.45   3749886.45      980.47171  (17011216)              400489.80
3749886.45      906.10511  (22121516)
        400500.05   3749886.45      833.34703  (22121516)              400520.05
3749886.45      705.55370  (22121516)
        400540.05   3749886.45      601.80693  (22121516)              400560.05
3749886.45      519.92444  (22121516)
        400580.05   3749886.45      454.54390  (22121516)              400600.05
3749886.45      401.20081  (22121516)
        400620.05   3749886.45      357.36183  (22121516)              400640.05
3749886.45      320.47361  (22121516)
        400660.05   3749886.45      289.06843  (22121516)              400680.05
3749886.45      262.04588  (22121516)
        400700.05   3749886.45      238.57370  (22121516)              400720.05
3749886.45      218.03548  (22121516)
        400740.05   3749886.45      199.95484  (22121516)              400760.05
3749886.45      183.95096  (22121516)
        400780.05   3749886.45      169.74539  (22121516)              400800.05
3749886.45      157.01636  (22121516)
        400000.05   3749906.45      202.53305  (20011008)              400020.05
3749906.45      216.44415  (20011008)
        400040.05   3749906.45      231.97643  (20011008)              400060.05
3749906.45      249.36932  (20011008)
        400080.05   3749906.45      268.93395  (20011008)              400100.05
3749906.45      296.20439  (20122816)
        400120.05   3749906.45      334.58198  (20122816)              400140.05
3749906.45      377.50901  (20122816)
        400160.05   3749906.45      432.08395  (17011216)              400180.05
3749906.45      500.24498  (17011216)
        400200.05   3749906.45      579.84674  (17011216)              400220.05
3749906.45      673.10610  (17011216)
        400240.05   3749906.45      780.75049  (17011216)              400260.05
3749906.45      899.38357  (17011216)
        400276.45   3749906.45     1000.06645  (17011216)              400489.80
3749906.45      944.30140  (22121516)
        400500.05   3749906.45      866.19065  (22121516)              400520.05
3749906.45      730.74676  (22121516)
        400540.05   3749906.45      623.00650  (22121516)              400560.05
3749906.45      538.13617  (22121516)
        400580.05   3749906.45      470.17701  (22121516)              400600.05
3749906.45      414.58868  (22121516)
        400620.05   3749906.45      368.44563  (22121516)              400640.05
3749906.45      329.40925  (22121516)
        400660.05   3749906.45      296.04889  (22121516)              400680.05
3749906.45      267.30595  (22121516)
        400700.05   3749906.45      242.37333  (22121516)              400720.05
3749906.45      220.61974  (22121516)
```

```
        400740.05   3749906.45      201.53849  (22121516)                400760.05
3749906.45      184.71538  (22121516)
        400780.05   3749906.45      169.85360  (22121516)                400800.05
3749906.45      156.62356  (22121516)
        400000.05   3749926.45      199.57954  (20011008)                400020.05
3749926.45      213.66291  (20011008)
        400040.05   3749926.45      229.44754  (20011008)                400060.05
3749926.45      247.19743  (20011008)
        400080.05   3749926.45      267.28010  (20011008)                400100.05
3749926.45      290.09770  (20011008)
        400120.05   3749926.45      316.13246  (20011008)                400140.05
3749926.45      345.96172  (20011008)
        400160.05   3749926.45      394.29875  (20122816)                400180.05
3749926.45      465.07298  (17011216)
        400200.05   3749926.45      550.73685  (17011216)                400220.05
3749926.45      651.20054  (17011216)
        400240.05   3749926.45      766.60780  (17011216)                400260.05
3749926.45      893.27087  (17011216)
        400276.45   3749926.45     1000.58359  (17011216)                400489.80
3749926.45      966.09231  (22121516)
        400500.05   3749926.45      883.96063  (22121516)                400520.05
3749926.45      742.82884  (22121516)
        400540.05   3749926.45      630.28697  (22121516)                400560.05
3749926.45      541.62939  (22121516)
        400580.05   3749926.45      470.65946  (22121516)                400600.05
3749926.45      412.77052  (22121516)
        400620.05   3749926.45      364.75655  (22121516)                400640.05
3749926.45      324.40884  (22121516)
        400660.05   3749926.45      290.17488  (22121516)                400680.05
3749926.45      260.90711  (22121516)
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***        11:03:40

                                    PAGE 288
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
```

***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
400700.05	3749926.45	235.67661	(22121516)	400720.05	3749926.45	213.81896	(22121516)
400740.05	3749926.45	194.76831	(22121516)	400760.05	3749926.45	178.05184	(22121516)
400780.05	3749926.45	163.35576	(22121516)	400800.05	3749926.45	150.31338	(22121516)
400000.05	3749946.45	201.17284	(20010208)	400020.05	3749946.45	215.26737	(20010208)
400040.05	3749946.45	231.05436	(20010208)	400060.05	3749946.45	248.78983	(20010208)
400080.05	3749946.45	268.86840	(20010208)	400100.05	3749946.45	291.65860	(20010208)
400120.05	3749946.45	317.65592	(20010208)	400140.05	3749946.45	347.52916	(20010208)
400160.05	3749946.45	381.91286	(20010208)	400180.05	3749946.45	421.51402	(20010208)
400200.05	3749946.45	492.39298	(17011216)	400220.05	3749946.45	600.43905	(17011216)
400240.05	3749946.45	725.28456	(17011216)	400260.05	3749946.45	861.38822	(17011216)
400276.45	3749946.45	976.23955	(17011216)	400489.80	3749946.45	965.27177	(22121516)
400500.05	3749946.45	881.46963	(22121516)	400520.05	3749946.45	736.69203	(22121516)
400540.05	3749946.45	619.80260	(22121516)	400560.05	3749946.45	527.20883	(22121516)
400580.05	3749946.45	453.36378	(22121516)	400600.05	3749946.45	393.81053	(22121516)
400620.05	3749946.45	345.14869	(22121516)	400640.05	3749946.45	304.93991	(22121516)
400660.05	3749946.45	271.35309	(22121516)	400680.05	3749946.45	243.02517	(22121516)
400700.05	3749946.45	218.86079	(22121516)	400720.05	3749946.45	198.12641	(22121516)
400740.05	3749946.45	180.18417	(22121516)	400760.05	3749946.45	164.53430	(22121516)
400780.05	3749946.45	150.83816	(22121516)	400800.05	3749946.45	138.76863	(22121516)
400000.05	3749966.45	200.92092	(20010208)	400020.05	3749966.45	214.55713	(20010208)
400040.05	3749966.45	229.77169	(20010208)	400060.05			

```
3749966.45      246.83012  (20010208)
        400080.05   3749966.45      266.05478  (20010208)                400100.05
3749966.45      288.38786  (18122708)
        400120.05   3749966.45      314.85105  (18122708)                400140.05
3749966.45      345.22262  (18122708)
        400160.05   3749966.45      380.20628  (18122708)                400180.05
3749966.45      420.80913  (18122708)
        400200.05   3749966.45      468.30638  (18122708)                400220.05
3749966.45      524.32847  (18122708)
        400240.05   3749966.45      636.50663  (17011216)                400260.05
3749966.45      786.35870  (17011216)
        400276.45   3749966.45      912.99339  (17011216)                400489.80
3749966.45      939.59465  (22121516)
        400500.05   3749966.45      853.39597  (22121516)                400520.05
3749966.45      702.86659  (22121516)
        400540.05   3749966.45      581.11087  (22121516)                400560.05
3749966.45      486.02390  (22121516)
        400580.05   3749966.45      412.14604  (22121516)                400600.05
3749966.45      354.24640  (22121516)
        400620.05   3749966.45      308.16214  (22121516)                400640.05
3749966.45      270.87260  (22121516)
        400660.05   3749966.45      240.24211  (22121516)                400680.05
3749966.45      214.73433  (22121516)
        400700.05   3749966.45      193.22858  (22121516)                400720.05
3749966.45      174.89958  (22121516)
        400740.05   3749966.45      159.12688  (22121516)                400760.05
3749966.45      145.43583  (22121516)
        400780.05   3749966.45      133.48360  (22121516)                400800.05
3749966.45      122.98645  (22121516)
        400000.05   3749986.45      198.75757  (18122708)                400020.05
3749986.45      212.58013  (18122708)
        400040.05   3749986.45      227.92219  (18122708)                400060.05
3749986.45      245.02009  (18122708)
        400080.05   3749986.45      264.16181  (18122708)                400100.05
3749986.45      285.69629  (18122708)
        400120.05   3749986.45      310.05739  (18122708)                400140.05
3749986.45      337.82835  (18122708)
        400160.05   3749986.45      369.81904  (18122708)                400180.05
3749986.45      407.18040  (18122708)
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***        11:03:40

                                    PAGE 289
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
```

```
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        400200.05   3749986.45      451.58098  (18122708)               400220.05
3749986.45      505.41139  (18122708)
        400240.05   3749986.45      571.82631  (18122708)               400260.05
3749986.45      657.26003  (21020408)
        400276.45   3749986.45      833.27848  (21122008)               400489.80
3749986.45      865.58652  (22121516)
        400500.05   3749986.45      773.78412  (22121516)               400520.05
3749986.45      616.05908  (22121516)
        400540.05   3749986.45      495.89318  (22121516)               400560.05
3749986.45      408.02664  (22121516)
        400580.05   3749986.45      342.99543  (22121516)               400600.05
3749986.45      293.57252  (22121516)
        400620.05   3749986.45      255.09053  (22121516)               400640.05
3749986.45      224.37076  (22121516)
        400660.05   3749986.45      199.34582  (22121516)               400680.05
3749986.45      178.63220  (22121516)
        400700.05   3749986.45      161.23572  (22121516)               400720.05
3749986.45      146.43280  (22121516)
        400740.05   3749986.45      133.69816  (22121516)               400760.05
3749986.45      122.63120  (22121516)
        400780.05   3749986.45      112.94118  (22121516)               400800.05
3749986.45      104.53609  (22121516)
        400000.05   3750006.45      195.52807  (18122708)               400020.05
3750006.45      207.95737  (18122708)
        400040.05   3750006.45      221.59694  (18122708)               400060.05
3750006.45      236.61155  (18122708)
        400080.05   3750006.45      253.21447  (18122708)               400100.05
3750006.45      271.66364  (18122708)
        400120.05   3750006.45      292.28537  (18122708)               400140.05
3750006.45      315.42100  (18122708)
        400160.05   3750006.45      342.04173  (18122708)               400180.05
3750006.45      379.10190  (21020408)
```

```
        400200.05   3750006.45      433.26568  (21020408)                400220.05
3750006.45      496.24110  (21020408)
        400240.05   3750006.45      570.76343  (21020408)                400260.05
3750006.45      661.06016  (21020408)
        400276.45   3750006.45      751.50152  (21020408)                400489.80
3750006.45      691.44089  (21121616)
        400500.05   3750006.45      593.84884  (21121616)                400520.05
3750006.45      449.34190  (17011015)
        400540.05   3750006.45      368.48196  (17121416)                400560.05
3750006.45      313.35350  (17121416)
        400580.05   3750006.45      271.08903  (17121416)                400600.05
3750006.45      236.89417  (17121416)
        400620.05   3750006.45      209.23108  (17121416)                400640.05
3750006.45      185.92681  (17121416)
        400660.05   3750006.45      165.99643  (17121416)                400680.05
3750006.45      148.87767  (17121416)
        400700.05   3750006.45      134.01444  (17121416)                400720.05
3750006.45      120.99330  (17121416)
        400740.05   3750006.45      109.53148  (17121416)                400760.05
3750006.45       99.40056  (17121416)
        400780.05   3750006.45       91.16396  (22121516)                400800.05
3750006.45       84.84643  (22121516)
        400000.05   3750026.45      186.59010  (18122708)                400020.05
3750026.45      197.01408  (18122708)
        400040.05   3750026.45      208.25796  (18122708)                400060.05
3750026.45      220.41401  (18122708)
        400080.05   3750026.45      233.58996  (18122708)                400100.05
3750026.45      247.92109  (18122708)
        400120.05   3750026.45      272.85443  (21020408)                400140.05
3750026.45      306.17700  (21020408)
        400160.05   3750026.45      343.49200  (21020408)                400180.05
3750026.45      385.16740  (21020408)
        400200.05   3750026.45      431.64493  (21020408)                400220.05
3750026.45      483.59865  (21020408)
        400240.05   3750026.45      541.46505  (21020408)                400260.05
3750026.45      602.82436  (21020408)
        400276.45   3750026.45      644.26181  (21020408)                400300.56
3750033.12      642.16969  (21122008)
        400320.56   3750033.12      740.83352  (21122008)                400340.56
3750033.12      798.57800  (21122008)
        400360.56   3750033.12      829.68723  (21122008)                400380.56
3750033.12      840.62628  (21122008)
        400400.56   3750033.12      832.95159  (21122008)                400420.56
3750033.12      804.90300  (21122008)
        400440.56   3750033.12      750.09050  (21122008)                400460.56
3750033.12      715.49260  (17010215)
        400489.80   3750026.45      700.43977  (21121616)                400500.05
3750026.45      614.66213  (21121616)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
400520.05	3750026.45	470.37037	(21121616)	400540.05	3750026.45	362.37887	(21121616)
400560.05	3750026.45	291.01384	(17011015)	400580.05	3750026.45	251.64066	(17011015)
400600.05	3750026.45	218.72685	(17011015)	400620.05	3750026.45	194.01180	(17121416)
400640.05	3750026.45	174.91700	(17121416)	400660.05	3750026.45	158.28961	(17121416)
400680.05	3750026.45	143.78547	(17121416)	400700.05	3750026.45	130.79412	(17121416)
400720.05	3750026.45	119.26690	(17121416)	400740.05	3750026.45	108.99072	(17121416)
400760.05	3750026.45	99.78272	(17121416)	400780.05	3750026.45	91.42562	(17121416)
400800.05	3750026.45	83.96009	(17121416)	400000.05	3750046.45	172.86687	(18122708)
400020.05	3750046.45	180.89708	(18122708)	400040.05	3750046.45	189.33886	(18122708)
400060.05	3750046.45	206.63825	(21020408)	400080.05	3750046.45	228.96605	(21020408)
400100.05	3750046.45	253.45942	(21020408)	400120.05	3750046.45	280.15660	(21020408)
400140.05	3750046.45	309.00772	(21020408)	400160.05			

3750046.45 339.91401 (21020408)
400180.05 3750046.45 372.57736 (21020408) 400200.05
3750046.45 406.35134 (21020408)
400220.05 3750046.45 439.84687 (21020408) 400240.05
3750046.45 469.60188 (21020408)
400260.05 3750046.45 487.52420 (21020408) 400280.05
3750046.45 482.78913 (21020408)
400300.05 3750046.45 499.44002 (20012208) 400320.05
3750046.45 564.68293 (20012208)
400340.05 3750046.45 608.34274 (20012208) 400360.05
3750046.45 633.45016 (20012208)
400380.05 3750046.45 642.69726 (20012208) 400400.05
3750046.45 636.72826 (20012208)
400420.05 3750046.45 614.59245 (20012208) 400440.05
3750046.45 616.75278 (17010215)
400460.05 3750046.45 622.02909 (17010215) 400480.05
3750046.45 605.61820 (21121616)
400500.05 3750046.45 569.14550 (21121616) 400520.05
3750046.45 475.29484 (21121616)
400540.05 3750046.45 381.84090 (21121616) 400560.05
3750046.45 303.47085 (21121616)
400580.05 3750046.45 239.45030 (21121616) 400600.05
3750046.45 204.97378 (17011015)
400620.05 3750046.45 182.86533 (17011015) 400640.05
3750046.45 163.23309 (17011015)
400660.05 3750046.45 145.80561 (17011015) 400680.05
3750046.45 133.02638 (17121416)
400700.05 3750046.45 122.67899 (17121416) 400720.05
3750046.45 113.25375 (17121416)
400740.05 3750046.45 104.66249 (17121416) 400760.05
3750046.45 96.82266 (17121416)
400780.05 3750046.45 89.51898 (17121416) 400800.05
3750046.45 82.90873 (17121416)
400000.05 3750066.45 162.62200 (21020408) 400020.05
3750066.45 178.46303 (21020408)
400040.05 3750066.45 195.65776 (21020408) 400060.05
3750066.45 214.19703 (21020408)
400080.05 3750066.45 234.03677 (21020408) 400100.05
3750066.45 255.04207 (21020408)
400120.05 3750066.45 276.97746 (21020408) 400140.05
3750066.45 299.46270 (21020408)
400160.05 3750066.45 321.90061 (21020408) 400180.05
3750066.45 343.37440 (21020408)
400200.05 3750066.45 362.41017 (21020408) 400220.05
3750066.45 376.61765 (21020408)
400240.05 3750066.45 382.34084 (21020408) 400260.05
3750066.45 375.57999 (21020408)
400280.05 3750066.45 357.14332 (21020408) 400300.05
3750066.45 392.63190 (21121316)
400320.05 3750066.45 452.79809 (21121316) 400340.05

3750066.45   472.85117 (21121316)
        400360.05   3750066.45   478.34246 (21121316)   400380.05
3750066.45   482.72985 (21121316)
        400400.05   3750066.45   484.98402 (21121316)   400420.05
3750066.45   487.11202 (17010215)
        400440.05   3750066.45   501.40527 (17010215)   400460.05
3750066.45   505.88333 (17010215)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3
                   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        400480.05   3750066.45   490.85527 (17010216)   400500.05
3750066.45   475.37584 (21121616)
        400520.05   3750066.45   439.80325 (21121616)   400540.05
3750066.45   380.07759 (21121616)
        400560.05   3750066.45   316.53597 (21121616)   400580.05
3750066.45   258.43740 (21121616)
        400600.05   3750066.45   208.27907 (21121616)   400620.05
3750066.45   167.53968 (17011015)
        400640.05   3750066.45   152.93557 (17011015)   400660.05
3750066.45   139.25888 (17011015)
        400680.05   3750066.45   126.53980 (17011015)   400700.05
3750066.45   114.84980 (17011015)
        400720.05   3750066.45   104.14146 (17011015)   400740.05
3750066.45   97.02828 (17121416)

```
        400760.05   3750066.45       90.83824  (17121416)               400780.05
3750066.45       84.91325  (17121416)
        400800.05   3750066.45       79.42825  (17121416)               400000.05
3750086.45      169.73456  (21020408)
        400020.05   3750086.45      184.17013  (21020408)               400040.05
3750086.45      199.39493  (21020408)
        400060.05   3750086.45      215.26427  (21020408)               400080.05
3750086.45      231.58698  (21020408)
        400100.05   3750086.45      248.03837  (21020408)               400120.05
3750086.45      264.16735  (21020408)
        400140.05   3750086.45      279.36749  (21020408)               400160.05
3750086.45      292.75769  (21020408)
        400180.05   3750086.45      303.20282  (21020408)               400200.05
3750086.45      309.19728  (21020408)
        400220.05   3750086.45      308.91245  (21020408)               400240.05
3750086.45      300.65780  (21020408)
        400260.05   3750086.45      284.41009  (21020408)               400280.05
3750086.45      284.47635  (21041208)
        400300.05   3750086.45      327.70172  (21121316)               400320.05
3750086.45      380.40286  (21121316)
        400340.05   3750086.45      405.15678  (21121316)               400360.05
3750086.45      411.04664  (21121316)
        400380.05   3750086.45      412.78931  (21121316)               400400.05
3750086.45      412.23680  (21121316)
        400420.05   3750086.45      398.73569  (21121316)               400440.05
3750086.45      412.67113  (17010215)
        400460.05   3750086.45      417.80807  (17010215)               400480.05
3750086.45      416.09630  (17010216)
        400500.05   3750086.45      391.79585  (17010216)               400520.05
3750086.45      382.88969  (21121616)
        400540.05   3750086.45      355.61697  (21121616)               400560.05
3750086.45      313.90063  (21121616)
        400580.05   3750086.45      267.39398  (21121616)               400600.05
3750086.45      223.15044  (21121616)
        400620.05   3750086.45      183.02179  (21121616)               400640.05
3750086.45      147.96586  (21121616)
        400660.05   3750086.45      128.69277  (21102516)               400680.05
3750086.45      118.98246  (17011015)
        400700.05   3750086.45      109.75212  (17011015)               400720.05
3750086.45      100.95970  (17011015)
        400740.05   3750086.45       92.70109  (17011015)               400760.05
3750086.45       85.01386  (17011015)
        400780.05   3750086.45       78.07727  (17121416)               400800.05
3750086.45       73.94628  (17121416)
        400000.05   3750106.45      172.59887  (21020408)               400020.05
3750106.45      184.97934  (21020408)
        400040.05   3750106.45      197.56837  (21020408)               400060.05
3750106.45      210.10698  (21020408)
        400080.05   3750106.45      222.29764  (21020408)               400100.05
3750106.45      233.70537  (21020408)
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
400120.05	3750106.45	243.78435	(21020408)	400140.05	3750106.45	251.87862	(21020408)
400160.05	3750106.45	257.09538	(21020408)	400180.05	3750106.45	258.51655	(21020408)
400200.05	3750106.45	255.18352	(21020408)	400220.05	3750106.45	246.37361	(21020408)
400240.05	3750106.45	232.04641	(21020408)	400260.05	3750106.45	230.69152	(17020616)
400280.05	3750106.45	247.13484	(21041208)	400300.05	3750106.45	280.83084	(21121316)
400320.05	3750106.45	325.68733	(21121316)	400340.05	3750106.45	351.46877	(21121316)
400360.05	3750106.45	358.61671	(21121316)	400380.05	3750106.45	359.52665	(21121316)
400400.05	3750106.45	355.72596	(21121316)	400420.05	3750106.45	338.85630	(21121316)
400440.05	3750106.45	343.65820	(17010215)	400460.05	3750106.45	350.38841	(17010215)
400480.05	3750106.45	356.16237	(17010216)	400500.05	3750106.45	347.42882	(17010216)
400520.05	3750106.45	323.29030	(21121616)	400540.05			

3750106.45 317.21576 (21121616)
400560.05 3750106.45 295.76031 (21121616) 400580.05
3750106.45 264.22428 (21121616)
400600.05 3750106.45 229.71874 (21121616) 400620.05
3750106.45 195.04381 (21121616)
400640.05 3750106.45 162.51624 (21121616) 400660.05
3750106.45 133.37944 (21121616)
400680.05 3750106.45 111.22940 (21102516) 400700.05
3750106.45 104.29312 (21102516)
400720.05 3750106.45 97.18787 (21102516) 400740.05
3750106.45 90.04904 (21102516)
400760.05 3750106.45 83.04335 (21102516) 400780.05
3750106.45 76.31159 (21102516)
400800.05 3750106.45 70.71218 (17011015) 400000.05
3750126.45 171.20985 (21020408)
400020.05 3750126.45 181.09483 (21020408) 400040.05
3750126.45 190.68558 (21020408)
400060.05 3750126.45 199.59425 (21020408) 400080.05
3750126.45 207.50558 (21020408)
400100.05 3750126.45 213.97171 (21020408) 400120.05
3750126.45 218.48893 (21020408)
400140.05 3750126.45 220.50904 (21020408) 400160.05
3750126.45 219.34221 (21020408)
400180.05 3750126.45 214.50477 (21020408) 400200.05
3750126.45 205.69184 (21020408)
400220.05 3750126.45 193.01551 (21020408) 400240.05
3750126.45 193.16716 (17020616)
400260.05 3750126.45 198.18659 (17020616) 400280.05
3750126.45 217.02420 (21041208)
400300.05 3750126.45 245.93330 (21121316) 400320.05
3750126.45 283.94518 (21121316)
400340.05 3750126.45 308.79352 (21121316) 400360.05
3750126.45 316.73636 (21121316)
400380.05 3750126.45 317.16363 (21121316) 400400.05
3750126.45 310.33635 (21121316)
400420.05 3750126.45 290.20121 (21121316) 400440.05
3750126.45 288.64813 (17010215)
400460.05 3750126.45 297.18886 (17010215) 400480.05
3750126.45 306.89813 (17010216)
400500.05 3750126.45 307.01542 (17010216) 400520.05
3750126.45 287.30638 (17010216)
400540.05 3750126.45 274.38962 (21121616) 400560.05
3750126.45 267.73293 (21121616)
400580.05 3750126.45 250.53856 (21121616) 400600.05
3750126.45 227.05756 (21121616)
400620.05 3750126.45 199.89392 (21121616) 400640.05
3750126.45 172.07541 (21121616)
400660.05 3750126.45 145.43060 (21121616) 400680.05
3750126.45 121.00290 (21121616)
400700.05 3750126.45 99.32576 (21121616) 400720.05

```
3750126.45       91.53132  (21102516)
        400740.05   3750126.45       86.51018  (21102516)                400760.05
3750126.45       81.18074  (21102516)
        400780.05   3750126.45       75.67984  (21102516)                400800.05
3750126.45       70.45407  (21102516)
        400000.05   3750146.45      165.98534  (21020408)                400020.05
3750146.45      173.16648  (21020408)
        400040.05   3750146.45      179.62841  (21020408)                400060.05
3750146.45      184.96811  (21020408)
        400080.05   3750146.45      188.88670  (21020408)                400100.05
3750146.45      191.00223  (21020408)
        400120.05   3750146.45      190.92401  (21020408)                400140.05
3750146.45      188.35226  (21020408)
        400160.05   3750146.45      182.86294  (21020408)                400180.05
3750146.45      174.38584  (21020408)
        400200.05   3750146.45      163.10010  (21020408)                400220.05
3750146.45      163.62939  (17020616)
        400240.05   3750146.45      170.26537  (17020616)                400260.05
3750146.45      170.69923  (21041208)
        400280.05   3750146.45      191.89759  (21041208)                400300.05
3750146.45      218.98282  (21121316)
        400320.05   3750146.45      251.63357  (21121316)                400340.05
3750146.45      274.34213  (21121316)
        400360.05   3750146.45      282.75354  (21121316)                400380.05
3750146.45      282.25334  (21121316)
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***       02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE 293
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
400400.05	3750146.45	273.92411	(21121316)	400420.05	3750146.45	252.02471	(21121316)
400440.05	3750146.45	244.07948	(17010215)	400460.05	3750146.45	254.62740	(17010215)
400480.05	3750146.45	267.18248	(17010216)	400500.05	3750146.45	272.29669	(17010216)
400520.05	3750146.45	263.35210	(17010216)	400540.05	3750146.45	238.75027	(17010216)
400560.05	3750146.45	237.75760	(21121616)	400580.05	3750146.45	231.37655	(21121616)
400600.05	3750146.45	218.27469	(21121616)	400620.05	3750146.45	198.92059	(21121616)
400640.05	3750146.45	176.61499	(21121616)	400660.05	3750146.45	153.58879	(21121616)
400680.05	3750146.45	131.15438	(21121616)	400700.05	3750146.45	110.24680	(21121616)
400720.05	3750146.45	91.44594	(21121616)	400740.05	3750146.45	80.66270	(21102516)
400760.05	3750146.45	77.11537	(21102516)	400780.05	3750146.45	72.96427	(21102516)
400800.05	3750146.45	68.91055	(21102516)	400000.05	3750166.45	157.52314	(21020408)
400020.05	3750166.45	162.01757	(21020408)	400040.05	3750166.45	165.50150	(21020408)
400060.05	3750166.45	167.61598	(21020408)	400080.05	3750166.45	168.13081	(21020408)
400100.05	3750166.45	166.77022	(21020408)	400120.05	3750166.45	163.30780	(21020408)
400140.05	3750166.45	157.68861	(21020408)	400160.05	3750166.45	149.74083	(21020408)
400180.05	3750166.45	139.68442	(21020408)	400200.05	3750166.45	140.72693	(17020616)
400220.05	3750166.45	147.79183	(17020616)	400240.05	3750166.45	149.07823	(17020616)
400260.05	3750166.45	155.31971	(21041208)	400280.05	3750166.45	170.91753	(21041208)
400300.05	3750166.45	198.50571	(21121316)	400320.05	3750166.45	227.21798	(21121316)
400340.05	3750166.45	246.63614	(21121316)	400360.05	3750166.45	254.55764	(21121316)
400380.05	3750166.45	253.60219	(21121316)	400400.05	3750166.45	244.02101	(21121316)
400420.05	3750166.45	221.74145	(21121316)	400440.05	3750166.45	218.84150	(21122416)
400460.05	3750166.45	219.19474	(17010215)	400480.05	3750166.45	232.82109	(17010216)

```
        400500.05   3750166.45      241.24333  (17010216)                400520.05
3750166.45      239.36364  (17010216)
        400540.05   3750166.45      224.78245  (17010216)                400560.05
3750166.45      206.19323  (21121616)
        400580.05   3750166.45      208.04431  (21121616)                400600.05
3750166.45      203.32318  (21121616)
        400620.05   3750166.45      191.91383  (21121616)                400640.05
3750166.45      175.94951  (21121616)
        400660.05   3750166.45      157.49692  (21121616)                400680.05
3750166.45      138.17465  (21121616)
        400700.05   3750166.45      119.06913  (21121616)                400720.05
3750166.45      101.04285  (21121616)
        400740.05   3750166.45       84.64699  (21121616)                400760.05
3750166.45       71.16832  (21102516)
        400780.05   3750166.45       68.42401  (21102516)                400800.05
3750166.45       65.60453  (21102516)
        400000.05   3750186.45      146.57941  (21020408)                400020.05
3750186.45      148.58776  (21020408)
        400040.05   3750186.45      149.45003  (21020408)                400060.05
3750186.45      148.86898  (21020408)
        400080.05   3750186.45      146.72670  (21020408)                400100.05
3750186.45      142.87228  (21020408)
        400120.05   3750186.45      137.23526  (21020408)                400140.05
3750186.45      129.93302  (21020408)
        400160.05   3750186.45      120.98597  (21020408)                400180.05
3750186.45      121.82145  (17020616)
        400200.05   3750186.45      129.70374  (17020616)                400220.05
3750186.45      132.49947  (17020616)
        400240.05   3750186.45      130.00823  (17020616)                400260.05
3750186.45      141.78425  (21041208)
        400280.05   3750186.45      153.22099  (21041208)                400300.05
3750186.45      182.55797  (21121316)
        400320.05   3750186.45      209.12913  (21121316)                400340.05
3750186.45      224.40693  (21121316)
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***       02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE 294
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
```

```
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
        400360.05   3750186.45      230.82881  (21121316)                400380.05
3750186.45      229.45635  (21121316)
        400400.05   3750186.45      218.85241  (21121316)                400420.05
3750186.45      197.28316  (21121316)
        400440.05   3750186.45      197.40797  (21122416)                400460.05
3750186.45      198.06582  (21122416)
        400480.05   3750186.45      202.17665  (17010216)                400500.05
3750186.45      213.35873  (17010216)
        400520.05   3750186.45      216.18757  (17010216)                400540.05
3750186.45      208.88145  (17010216)
        400560.05   3750186.45      191.59408  (17010216)                400580.05
3750186.45      182.62010  (21121616)
        400600.05   3750186.45      184.15995  (21121616)                400620.05
3750186.45      179.81637  (21121616)
        400640.05   3750186.45      170.27603  (21121616)                400660.05
3750186.45      156.85212  (21121616)
        400680.05   3750186.45      141.38520  (21121616)                400700.05
3750186.45      124.91737  (21121616)
        400720.05   3750186.45      108.56170  (21121616)                400740.05
3750186.45       93.01450  (21121616)
        400760.05   3750186.45       78.69456  (21121616)                400780.05
3750186.45       65.73173  (21121616)
        400800.05   3750186.45       60.88412  (21102516)                400000.05
3750206.45      133.97657  (21020408)
        400020.05   3750206.45      133.87648  (21020408)                400040.05
3750206.45      132.59812  (21020408)
        400060.05   3750206.45      129.97120  (21020408)                400080.05
3750206.45      125.95645  (21020408)
        400100.05   3750206.45      120.52845  (21020408)                400120.05
3750206.45      113.74546  (21020408)
        400140.05   3750206.45      105.79208  (21020408)                400160.05
3750206.45      106.04507  (17020616)
        400180.05   3750206.45      113.51371  (17020616)                400200.05
3750206.45      117.43372  (17020616)
        400220.05   3750206.45      116.94812  (17020616)                400240.05
3750206.45      116.84348  (21041208)
        400260.05   3750206.45      129.14168  (21041208)                400280.05
```

```
3750206.45      137.14845  (21041208)
        400300.05   3750206.45      166.88676  (21121316)                400320.05
3750206.45      190.37740  (21121316)
        400340.05   3750206.45      204.45767  (21121316)                400360.05
3750206.45      210.25761  (21121316)
        400380.05   3750206.45      208.36078  (21121316)                400400.05
3750206.45      197.82301  (21121316)
        400420.05   3750206.45      178.10773  (21121316)                400440.05
3750206.45      179.18650  (21122416)
        400460.05   3750206.45      180.70683  (21122416)                400480.05
3750206.45      174.93465  (17010216)
        400500.05   3750206.45      188.16899  (17010216)                400520.05
3750206.45      194.60449  (17010216)
        400540.05   3750206.45      192.73315  (17010216)                400560.05
3750206.45      182.08402  (17010216)
        400580.05   3750206.45      163.91400  (17010216)                400600.05
3750206.45      163.80096  (21121616)
        400620.05   3750206.45      164.59486  (21121616)                400640.05
3750206.45      160.44431  (21121616)
        400660.05   3750206.45      152.06942  (21121616)                400680.05
3750206.45      140.71306  (21121616)
        400700.05   3750206.45      127.49937  (21121616)                400720.05
3750206.45      113.45282  (21121616)
        400740.05   3750206.45       99.38592  (21121616)                400760.05
3750206.45       85.86369  (21121616)
        400780.05   3750206.45       73.19988  (21121616)                400800.05
3750206.45       61.75151  (21121616)
        400000.05   3750226.45      120.48154  (21020408)                400020.05
3750226.45      118.71146  (21020408)
        400040.05   3750226.45      115.83306  (21020408)                400060.05
3750226.45      111.80182  (21020408)
        400080.05   3750226.45      106.63939  (21020408)                400100.05
3750226.45      100.41598  (21020408)
        400120.05   3750226.45       93.27323  (21020408)                400140.05
3750226.45       93.22709  (17020616)
        400160.05   3750226.45      100.10033  (17020616)                400180.05
3750226.45      104.28366  (17020616)
        400200.05   3750226.45      105.07774  (17020616)                400220.05
3750226.45      102.23625  (17020616)
        400240.05   3750226.45      108.35803  (21041208)                400260.05
3750226.45      117.69724  (21041208)
        400280.05   3750226.45      126.75953  (21121316)                400300.05
3750226.45      153.29516  (21121316)
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***       11:03:40

                                   PAGE 295
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
400320.05	3750226.45	173.99612	(21121316)	400340.05	3750226.45	186.96971	(21121316)
400360.05	3750226.45	192.25878	(21121316)	400380.05	3750226.45	190.02768	(21121316)
400400.05	3750226.45	179.83261	(21121316)	400420.05	3750226.45	161.88355	(21121316)
400440.05	3750226.45	163.21144	(21122416)	400460.05	3750226.45	165.57538	(21122416)
400480.05	3750226.45	160.72401	(21122416)	400500.05	3750226.45	165.34560	(17010216)
400520.05	3750226.45	174.38570	(17010216)	400540.05	3750226.45	176.53230	(17010216)
400560.05	3750226.45	171.10731	(17010216)	400580.05	3750226.45	158.60883	(17010216)
400600.05	3750226.45	142.99484	(21121616)	400620.05	3750226.45	147.69268	(21121616)
400640.05	3750226.45	147.95356	(21121616)	400660.05	3750226.45	144.10876	(21121616)
400680.05	3750226.45	136.91301	(21121616)	400700.05	3750226.45	127.06592	(21121616)
400720.05	3750226.45	115.75042	(21121616)	400740.05	3750226.45	103.69100	(21121616)
400760.05	3750226.45	91.41159	(21121616)	400780.05	3750226.45	79.50368	(21121616)
400800.05	3750226.45	68.36503	(21121616)	400000.05	3750246.45	106.76154	(21020408)
400020.05	3750246.45	103.76496	(21020408)	400040.05	3750246.45	99.82730	(21020408)

```
        400060.05   3750246.45       94.96741  (21020408)                400080.05
3750246.45       89.27088  (21020408)
        400100.05   3750246.45       82.85711  (21020408)                400120.05
3750246.45       82.43042  (17020616)
        400140.05   3750246.45       88.83588  (17020616)                400160.05
3750246.45       93.16925  (17020616)
        400180.05   3750246.45       94.72317  (17020616)                400200.05
3750246.45       93.21819  (17020616)
        400220.05   3750246.45       90.67153  (21041208)                400240.05
3750246.45      100.40456  (21041208)
        400260.05   3750246.45      107.43562  (21041208)                400280.05
3750246.45      119.21748  (21121316)
        400300.05   3750246.45      142.33733  (21121316)                400320.05
3750246.45      160.48961  (21121316)
        400340.05   3750246.45      171.70040  (21121316)                400360.05
3750246.45      176.24635  (21121316)
        400380.05   3750246.45      174.06817  (21121316)                400400.05
3750246.45      164.09522  (21121316)
        400420.05   3750246.45      147.22653  (21121316)                400440.05
3750246.45      148.75126  (21122416)
        400460.05   3750246.45      152.19994  (21122416)                400480.05
3750246.45      149.15946  (21122416)
        400500.05   3750246.45      144.65662  (17010216)                400520.05
3750246.45      155.47551  (17010216)
        400540.05   3750246.45      160.58752  (17010216)                400560.05
3750246.45      159.22770  (17010216)
        400580.05   3750246.45      151.55931  (17010216)                400600.05
3750246.45      138.35698  (17010216)
        400620.05   3750246.45      130.19456  (21121616)                400640.05
3750246.45      133.87803  (21121616)
        400660.05   3750246.45      133.87305  (21121616)                400680.05
3750246.45      130.56486  (21121616)
        400700.05   3750246.45      123.97344  (21121616)                400720.05
3750246.45      115.56338  (21121616)
        400740.05   3750246.45      105.92111  (21121616)                400760.05
3750246.45       95.27036  (21121616)
        400780.05   3750246.45       84.31515  (21121616)                400800.05
3750246.45       73.99348  (21121616)
        400000.05   3750266.45       93.40372  (21020408)                400020.05
3750266.45       89.60342  (21020408)
        400040.05   3750266.45       85.05774  (21020408)                400060.05
3750266.45       79.84347  (21020408)
        400080.05   3750266.45       74.07087  (21020408)                400100.05
3750266.45       73.17271  (17020616)
        400120.05   3750266.45       79.18407  (17020616)                400140.05
3750266.45       83.40284  (17020616)
        400160.05   3750266.45       85.51332  (17020616)                400180.05
3750266.45       85.06155  (17020616)
        400200.05   3750266.45       81.95343  (17020616)                400220.05
3750266.45       85.18343  (21041208)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
400280.05	3750266.45	112.22576	(21121316)	400300.05	3750266.45	132.70364	(21121316)
400320.05	3750266.45	148.71080	(21121316)	400340.05	3750266.45	158.49261	(21121316)
400360.05	3750266.45	162.25135	(21121316)	400380.05	3750266.45	159.75642	(21121316)
400400.05	3750266.45	150.02299	(21121316)	400420.05	3750266.45	134.34224	(21121316)
400440.05	3750266.45	135.56513	(21122416)	400460.05	3750266.45	139.82062	(21122416)
400480.05	3750266.45	138.27664	(21122416)	400500.05	3750266.45	132.23032	(21122716)
400520.05	3750266.45	137.83286	(17010216)	400540.05	3750266.45	145.10769	(17010216)
400560.05	3750266.45	146.89560	(17010216)	400580.05	3750266.45	142.88475	(17010216)
400600.05	3750266.45	133.90824	(17010216)	400620.05	3750266.45	120.55385	(17010216)
400640.05	3750266.45	118.80114	(21121616)	400660.05			

3750266.45 121.74185 (21121616)
400680.05 3750266.45 121.72471 (21121616) 400700.05
3750266.45 118.42221 (21121616)
400720.05 3750266.45 112.93438 (21121616) 400740.05
3750266.45 105.76352 (21121616)
400760.05 3750266.45 97.11815 (21121616) 400780.05
3750266.45 87.64707 (21121616)
400800.05 3750266.45 78.35584 (21121616) 400000.05
3750286.45 80.81442 (21020408)
400020.05 3750286.45 76.57988 (21020408) 400040.05
3750286.45 71.80152 (21020408)
400060.05 3750286.45 66.59476 (21020408) 400080.05
3750286.45 65.35072 (17020616)
400100.05 3750286.45 70.92050 (17020616) 400120.05
3750286.45 75.07013 (17020616)
400140.05 3750286.45 77.36738 (17020616) 400160.05
3750286.45 77.63834 (17020616)
400180.05 3750286.45 75.69379 (17020616) 400200.05
3750286.45 72.13156 (21041208)
400220.05 3750286.45 79.81552 (21041208) 400240.05
3750286.45 85.76514 (21041208)
400260.05 3750286.45 89.33215 (21041208) 400280.05
3750286.45 105.86641 (21121316)
400300.05 3750286.45 124.15681 (21121316) 400320.05
3750286.45 138.30953 (21121316)
400340.05 3750286.45 146.85991 (21121316) 400360.05
3750286.45 149.90665 (21121316)
400380.05 3750286.45 147.14531 (21121316) 400400.05
3750286.45 137.71613 (21121316)
400420.05 3750286.45 123.25362 (21121316) 400440.05
3750286.45 123.71144 (21122416)
400460.05 3750286.45 128.68213 (21122416) 400480.05
3750286.45 128.43484 (21122416)
400500.05 3750286.45 122.75934 (21122416) 400520.05
3750286.45 121.63756 (17010216)
400540.05 3750286.45 130.43549 (17010216) 400560.05
3750286.45 134.62147 (17010216)
400580.05 3750286.45 133.59358 (17010216) 400600.05
3750286.45 128.13039 (17010216)
400620.05 3750286.45 118.26738 (17010216) 400640.05
3750286.45 105.24532 (17010216)
400660.05 3750286.45 108.98353 (21121616) 400680.05
3750286.45 111.43124 (21121616)
400700.05 3750286.45 111.01631 (21121616) 400720.05
3750286.45 108.20165 (21121616)
400740.05 3750286.45 103.45537 (21121616) 400760.05
3750286.45 96.99150 (21121616)
400780.05 3750286.45 89.28341 (21121616) 400800.05
3750286.45 81.26659 (21121616)
400000.05 3750306.45 69.26568 (21020408) 400020.05

```
3750306.45       64.88996  (21020408)
        400040.05   3750306.45       60.17442  (21020408)                400060.05
3750306.45       58.65873  (17020616)
        400080.05   3750306.45       63.75670  (17020616)                400100.05
3750306.45       67.78749  (17020616)
        400120.05   3750306.45       70.36190  (17020616)                400140.05
3750306.45       71.14030  (17020616)
        400160.05   3750306.45       69.96635  (17020616)                400180.05
3750306.45       66.92133  (17020616)
        400200.05   3750306.45       68.52061  (21041208)                400220.05
3750306.45       74.75114  (21041208)
🡅 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                         ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                       ***        11:03:40

                                   PAGE 297
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        400240.05   3750306.45       79.27697  (21041208)                400260.05
3750306.45       81.98963  (21121316)
        400280.05   3750306.45      100.30835  (21121316)                400300.05
3750306.45      116.50076  (21121316)
        400320.05   3750306.45      129.16103  (21121316)                400340.05
3750306.45      136.52461  (21121316)
        400360.05   3750306.45      138.96778  (21121316)                400380.05
3750306.45      136.23965  (21121316)
        400400.05   3750306.45      127.27552  (21121316)                400420.05
3750306.45      113.81641  (21121316)
```

```
        400440.05   3750306.45      113.20388  (21122416)              400460.05
3750306.45      118.78327  (21122416)
        400480.05   3750306.45      119.69622  (21122416)              400500.05
3750306.45      115.47374  (21122416)
        400520.05   3750306.45      111.91360  (21122716)              400540.05
3750306.45      116.73642  (17010216)
        400560.05   3750306.45      122.69972  (17010216)              400580.05
3750306.45      124.15605  (17010216)
        400600.05   3750306.45      121.48312  (17010216)              400620.05
3750306.45      114.66359  (17010216)
        400640.05   3750306.45      104.52281  (17010216)              400660.05
3750306.45       96.18525  (21121616)
        400680.05   3750306.45      100.34447  (21121616)              400700.05
3750306.45      102.25197  (21121616)
        400720.05   3750306.45      101.81778  (21121616)              400740.05
3750306.45       99.24993  (21121616)
        400760.05   3750306.45       95.02191  (21121616)              400780.05
3750306.45       89.15010  (21121616)
        400800.05   3750306.45       82.65980  (21121616)              400173.02
3749643.75       89.30266  (21122314)
        400193.02   3749643.75       95.90143  (21122314)              400213.02
3749643.75      100.36866  (21122314)
        400233.02   3749643.75      102.18601  (21122314)              400253.02
3749643.75      101.76845  (20012208)
        400273.02   3749643.75      106.35828  (20012208)              400293.02
3749643.75      110.57257  (20012208)
        400313.02   3749643.75      114.26744  (20012208)              400333.02
3749643.75      122.98502  (20122815)
        400353.02   3749643.75      126.99587  (20122815)              400373.02
3749643.75      125.56073  (20122815)
        400173.02   3749663.75       95.08492  (22010708)              400193.02
3749663.75      103.50957  (21122314)
        400213.02   3749663.75      110.55778  (21122314)              400233.02
3749663.75      114.80682  (21122314)
        400253.02   3749663.75      115.67058  (21122314)              400273.02
3749663.75      118.70975  (20012208)
        400293.02   3749663.75      124.08937  (20012208)              400313.02
3749663.75      128.87140  (20012208)
        400333.02   3749663.75      135.12559  (20122815)              400353.02
3749663.75      140.45948  (20122815)
        400373.02   3749663.75      143.27413  (17010316)              400173.02
3749683.75      111.97854  (22010708)
        400193.02   3749683.75      110.74304  (21122314)              400213.02
3749683.75      120.93650  (21122314)
        400233.02   3749683.75      128.29993  (21122314)              400253.02
3749683.75      131.96798  (21122314)
        400273.02   3749683.75      133.38295  (20012208)              400293.02
3749683.75      140.35710  (20012208)
        400313.02   3749683.75      146.62585  (20012208)              400333.02
3749683.75      151.87869  (20012208)
```

```
        400353.02   3749683.75      161.28757  (17010316)                400373.02
3749683.75      165.54006  (17010316)
        400173.02   3749703.75      131.58852  (22010708)                400193.02
3749703.75      130.41164  (22010708)
        400213.02   3749703.75      131.19422  (21122314)                400233.02
3749703.75      142.49848  (21122314)
        400253.02   3749703.75      149.91936  (21122314)                400273.02
3749703.75      152.55956  (21122314)
        400293.02   3749703.75      160.21876  (20012208)                400313.02
3749703.75      168.60908  (20012208)
        400333.02   3749703.75      175.78037  (20012208)                400353.02
3749703.75      187.27747  (17010316)
        400373.02   3749703.75      193.32631  (17010316)                400173.02
3749723.75      154.24127  (21010508)
        400193.02   3749723.75      154.40329  (22010708)                400213.02
3749723.75      154.01354  (22010708)
        400233.02   3749723.75      157.15288  (21122314)                400253.02
3749723.75      169.50324  (21122314)
        400273.02   3749723.75      176.57856  (21122314)                400293.02
3749723.75      184.85127  (20012208)
 *** AERMOD - VERSION 23132  ***   *** Hermosillo Park Stormwater Capture Project
                          ***        02/05/24
 *** AERMET - VERSION  22112 ***   *** Construction
                         ***        11:03:40

                                    PAGE 298
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        400313.02   3749723.75      196.36221  (20012208)                400333.02
```

3749723.75 206.41210 (20012208)
400353.02 3749723.75 219.96658 (17010316) 400373.02
3749723.75 228.53953 (17010316)
400173.02 3749743.75 192.52871 (21010508) 400193.02
3749743.75 186.32165 (21010508)
400213.02 3749743.75 183.76618 (22010708) 400233.02
3749743.75 184.89068 (22010708)
400253.02 3749743.75 190.67900 (21122314) 400273.02
3749743.75 203.81159 (21122314)
400293.02 3749743.75 215.92164 (20012208) 400313.02
3749743.75 232.18512 (20012208)
400333.02 3749743.75 246.68532 (20012208) 400353.02
3749743.75 261.99850 (17010316)
400373.02 3749743.75 274.11939 (17010316) 400173.02
3749763.75 235.27232 (21010508)
400193.02 3749763.75 233.05918 (21010508) 400213.02
3749763.75 227.94503 (21010508)
400233.02 3749763.75 222.79149 (22010708) 400253.02
3749763.75 226.66087 (22010708)
400273.02 3749763.75 234.73044 (21122314) 400293.02
3749763.75 256.00153 (20012208)
400313.02 3749763.75 279.77780 (20012208) 400333.02
3749763.75 301.54660 (20012208)
400353.02 3749763.75 319.28134 (20012208) 400373.02
3749763.75 334.09316 (17010316)
400173.02 3749783.75 280.06418 (21010508) 400193.02
3749783.75 284.54366 (21010508)
400213.02 3749783.75 285.76102 (21010508) 400233.02
3749783.75 283.39066 (21010508)
400253.02 3749783.75 277.70094 (21010508) 400273.02
3749783.75 285.38501 (22010708)
400293.02 3749783.75 309.20800 (20012208) 400313.02
3749783.75 345.47595 (20012208)
400333.02 3749783.75 380.01396 (20012208) 400353.02
3749783.75 409.28377 (20012208)
400373.02 3749783.75 429.19618 (20012208) 400173.02
3749803.75 322.88856 (21010508)
400193.02 3749803.75 336.78646 (21010508) 400213.02
3749803.75 347.94089 (21010508)
400233.02 3749803.75 355.27531 (21010508) 400253.02
3749803.75 358.13462 (21010508)
400273.02 3749803.75 357.70033 (21010508) 400293.02
3749803.75 382.51707 (20012208)
400313.02 3749803.75 440.92405 (20012208) 400173.02
3749823.75 392.58217 (17011216)
400193.02 3749823.75 422.16090 (17011216) 400213.02
3749823.75 450.92551 (17011216)
400233.02 3749823.75 476.89458 (17011216) 400253.02
3749823.75 500.30450 (17011216)
400273.02 3749823.75 524.29240 (17011216) 400173.02

3749843.75   454.31798 (17011216)
        400193.02   3749843.75   504.33988 (17011216)   400213.02
3749843.75   560.36113 (17011216)
        400233.02   3749843.75   619.60413 (17011216)   400253.02
3749843.75   674.91771 (17011216)
        400273.02   3749843.75   721.47435 (17011216)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** THE SUMMARY OF MAXIMUM PERIOD (43824
HRS) RESULTS ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3
             **

                       NETWORK
GROUP ID   AVERAGE CONC   RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG) OF TYPE GRID-ID
- -
- - - - - - - - - - - - - - - - - - -

ALL   1ST HIGHEST VALUE IS   49.82959 AT (400400.56, 3750033.12,   21.50,
   21.50,   0.00) DC
          2ND HIGHEST VALUE IS   49.38256 AT (400420.56, 3750033.12,   21.46,
   21.46,   0.00) DC
          3RD HIGHEST VALUE IS   49.26417 AT (400380.56, 3750033.12,   21.56,
   21.56,   0.00) DC
          4TH HIGHEST VALUE IS   47.75714 AT (400440.56, 3750033.12,   21.10,
   21.10,   0.00) DC
          5TH HIGHEST VALUE IS   47.44764 AT (400360.56, 3750033.12,   21.72,
   21.72,   0.00) DC
          6TH HIGHEST VALUE IS   44.11593 AT (400340.56, 3750033.12,   21.87,
   21.87,   0.00) DC
          7TH HIGHEST VALUE IS   43.60730 AT (400460.56, 3750033.12,   21.22,
   21.22,   0.00) DC
          8TH HIGHEST VALUE IS   43.47301 AT (400489.80, 3749966.45,   20.87,
   20.87,   0.00) DC
          9TH HIGHEST VALUE IS   43.35796 AT (400489.80, 3749946.45,   20.93,
   20.93,   0.00) DC
         10TH HIGHEST VALUE IS   42.11578 AT (400489.80, 3749926.45,   20.96,
   20.96,   0.00) DC

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE	CONC	DATE (YYMMDDHH)	NETWORK TYPE	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF GRID-ID
ALL	HIGH 1ST HIGH	VALUE IS	1000.58359	ON 17011216:	AT (400276.45, 3749926.45, 20.96, 20.96, 0.00)	DC

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 4 Warning Message(s)
A Total of 1916 Informational Message(s)

```
 A Total of        43824 Hours Were Processed

 A Total of          835 Calm Hours Identified

 A Total of         1081 Missing Hours Identified (  2.47 Percent)


    ******** FATAL ERROR MESSAGES ********
                ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186   19661       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187   19661       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W450   17521       CHKDAT: Record Out of Sequence in Meteorological File at:
 20010101
 MX W450   17521       CHKDAT: Record Out of Sequence in Meteorological File at:
1 year gap

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
```

Rincon Consultants, Inc.
180 North Ashwood Avenue
Ventura, California 93003
805-644-4455

December 14, 2023
Project No: 23-15138

Run Chen
City of Norwalk
Public Services Department, Engineering Division
12700 Norwalk Boulevard, Room 11
Norwalk, California 90650
Via email: RChen@norwalkca.gov

Subject: Biological Resources Due Diligence Report for the Hermosillo Park Rehabilitation, Stormwater Capture and Infiltration Project, Norwalk, Los Angeles County, California

Dear Mr. Chen:

Rincon Consultants, Inc. (Rincon) prepared this Biological Resources Due Diligence Report to provide the City of Norwalk with information on the potential impacts to biological resources associated with implementation of the Hermosillo Park Rehabilitation, Stormwater Capture, and Infiltration Project (project). The biological evaluation herein includes the results of a background literature review and site reconnaissance survey conducted by Rincon.

Project Location and Description

The project is located at 11959 162nd street in the City of Norwalk (City), Los Angeles County, California (Figure 1). The project includes the upgrade and improvement of facilities at Hermosillo Park. The project includes construction of a 11.8-acre-foot capacity stormwater capture, reuse, and infiltration system under the existing park area. Storm water flows will be intercepted, treated, and infiltrated. Following construction of the stormwater capture and infiltration system, upgrades and improvements to Hermosillo Park will include, but are not limited to, replacement and construction of a community center, refurbishment of active and passive play areas/fields/courts, and picnic areas. Also included is refurbishment or construction of accessory structures, such as restrooms, fitness stations, parking lot improvements, upgrades in lighting, and water efficient landscape and irrigation. The project also includes community visioning, engagement, and surveys for the proposed improvements.

Methodology

A literature review and field survey were conducted to document the current site conditions and determine the potential for special status species to be present. The study area encompassed the entirety of Hermosillo Park (0.56 acre) as shown in Figure 2.

Literature Review

A literature review was conducted to establish the environmental and regulatory setting of the proposed project. Specific literature reviewed for the subject analysis is provided in the references section. The reviewed literature also included the United States Department of Agriculture (USDA) Soil Survey (USDA 2023), and literature detailing the habitat requirements of subject species. Aerial photographs, topographic maps, and soil survey maps were also examined.

Queries of the United States Fish and Wildlife Service (USFWS) Environmental Conservation Online System (ECOS): Information, Planning and Conservation System (IPaC) (USFWS 2023a), USFWS Critical Habitat Portal (USFWS 2023b), USFWS National Wetland Inventory (NWI) (USFWS 2023c), California Department of Fish and Wildlife (CDFW) California Natural Diversity Database (CNDDB) (CDFW 2023a), CDFW Biogeographic Information and Observation System (BIOS) (CDFW 2023b), and California Native Plant Society (CNPS) *Online Inventory of Rare, Threatened and Endangered Plants of California* (CNPS 2020), were conducted. The queries were conducted to obtain comprehensive information regarding state and federally listed species, sensitive communities and federally designated Critical Habitat known to or considered to have potential to occur within the vicinity of the project site.

Field Survey

The field reconnaissance survey was limited to assessing the vegetation and overall conditions of the project site for potentially supporting sensitive biological resources, including special-status plant and wildlife species, sensitive plant communities, jurisdictional waters and wetlands, protected trees, and habitat for nesting birds. Rincon Biologist, Katy Teare, conducted the field reconnaissance survey on November 8, 2023, from 0800 to 1115. The survey was performed by walking the study area to characterize the existing biological resources present (e.g., vegetation communities, potential presence of sensitive species and/or habitats, and presence of potentially jurisdictional waters). Inspection of the study area and vicinity was also conducted using binoculars (10 x 40). Weather conditions during the survey included temperatures between 62- and 73-degrees Fahrenheit, with winds between 2 and 3 miles per hour and clear skies. Representative photographs of the site were also taken (Attachment 2).

Survey Results and Analysis

The existing Hermosillo Park is surrounded by a heavily developed urban residential neighborhood. The park consists of paved walking paths, ornamental landscaping, sport recreational fields, picnic table stations, playground equipment, a concrete amphitheater, and a community center. The land cover is actively maintained for ornamental purposes and does not contain naturally occurring vegetation. Ornamental landscaping consists of a variety of drought-tolerant trees and shrubs, including London plane tree (*Platanus × acerifolia*), southern live oak (*Quercus virginiana*), pink shower (*Cassia javanica*), creeping fig (*Ficus pumila*), and Bradford pear (*Pyrus calleryana*),

The study area contains a small variety of mature ornamental trees that provides suitable habitat for wildlife species that commonly occur in developed areas. The wildlife species detected on site during field surveys are common, widely distributed, and adapted to living in proximity to human development. Common avian species detected on or adjacent to the site include American crow (*Corvus brachyrhyncos*), black phoebe (*Sayornis nigricans*), and house finch (*Haemorhous mexicanus*), lesser goldfinch (*Spinus psaltria*), house sparrow (*Passer domesticus*), yellow-rumped warbler (*Setophaga coronata*), and turkey vulture (*Cathartes aura*). Other wildlife species observed included fox squirrel (*Sciurus niger*).

Six special status plant species and 17 special status wildlife species were listed in the CNDDB to occur within a nine-quadrangle search area (i.e., USGS 7.5-minute quadrangles). Based on the developed conditions onsite, no special status plant and wildlife species are expected to occur. Special status plant species have specialized habitat requirements, including plant community types, soils, and other components absent from the study area. Special status wildlife species typically have specific habitat requirements that include vegetation communities, elevations, topography, and

availability of primary constituent elements (i.e., space for individual and population growth, breeding, foraging, and shelter). These habitat requirements do not occur within the study area. Accordingly, special-status plant and animal species are not expected to occur within or immediately adjacent to the study area.

The study area contains suitable nesting habitat for numerous native bird species, which could nest in trees and shrubs during the nesting season (generally February 1 through August 31). Native bird species are protected pursuant to the California Fish and Game Code and federal Migratory Bird Treaty Act (MBTA). Given the presence of shrubs and trees on and adjacent to the project site, it is probable nesting birds will be present during the nesting season. Project construction during the nesting season could impact nesting birds. The November 8, 2023, survey was not conducted within the usual breeding and nesting season for resident and migratory birds. No active nests or birds exhibiting breeding behavior (e.g., courtship displays, copulation, vegetation or food carries, presence of fledglings, or territorial displays) were observed within the study area.

Potentially jurisdictional surface waters and wetlands were not observed within the study area; however, an underground storm water drainage system bisects the study area and transmits municipal storm water flows from north to south. Stormwater discharges are regulated under the Municipal Separate Storm Sewer System Permit (MS4), which is outside the scope of this analysis.

As the City does not have a tree protection ordinance, there are no locally protected trees within the study area.

Hermosillo Park is surrounded by urbanization. The study area is not located within or near a wildlife movement corridor and there are no local, regional, or state habitat conservation plan areas in the vicinity.

Recommended Avoidance and Minimization Measures

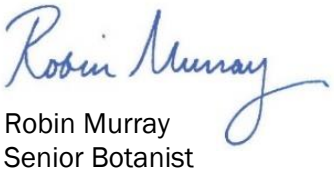
The proposed project has potential to result in impacts to nesting birds if construction occurs while they are present within or adjacent to the Hermosillo Park, through direct mortality or abandonment of nests. The loss of a nest due to construction activities would be a violation of the MBTA and CFGC Section 3503. The following Avoidance and Minimization Measure is recommended for compliance with the MBTA and CFGC 3503.

If project activities must begin during the breeding season (February 1 – August 31), then a pre-construction nesting bird survey should be conducted no more than seven days prior to initiation of ground disturbance and sediment removal activities. The nesting bird pre-construction survey should be conducted on foot inside the project site, including a 100-foot buffer (300-foot for raptors), and in inaccessible areas (e.g., private lands) from afar using binoculars to the extent practical. The survey should be conducted by a biologist familiar with the identification of avian species known to occur in southern California communities. If nests are found, an avoidance buffer (dependent upon the species, the proposed work activity, and existing disturbances associated with land uses outside of the site) should be determined and demarcated by the biologist with bright orange construction fencing, flagging, construction lathe, or other means to mark the boundary. All construction personnel should be notified as to the existence of the buffer zone and to avoid entering the buffer zone during the nesting season. No ground-disturbing or vegetation removal activities should occur inside this buffer until the avian biologist has confirmed that breeding/ nesting is completed, and the young have fledged the nest. Encroachment into the buffer should occur only at the discretion of the qualified biologist.

Rincon appreciates the opportunity to support the City of Norwalk in the Hermosillo Park Rehabilitation, Stormwater Capture, and Infiltration Project. Please do not hesitate in reaching out to the undersigned with questions related to the contents herein.

Sincerely,
Rincon Consultants, Inc.

Katy Teare
Associate Biologist



Robin Murray
Senior Botanist

Greg Ainsworth
Director

Attachments

Attachment 1 Figures
Attachment 2 Site Photographs

References

California Department of Fish and Wildlife (CDFW).

California Natural Diversity Database: RareFind5. Available online at: https://apps.wildlife.ca.gov/rarefind/view/RareFind.aspx. Accessed November 2023.

State and Federally listed Endangered, Threatened, and Rare Plants of California. Available online at: https://www.wildlife.ca.gov/Data/CNDDB/Plants-and-Animals. Accessed November 2023.

California Natural Diversity Database (CNDDB) Biogeographic Information and Observation System (BIOS). Retrieved from: http://bios.dfg.ca.gov (November 2023).

California Native Plant Society (CNPS).

Inventory of Rare and Endangered Plants (online edition V8-030.39). Available online at: http://www.rareplants.cnps.org/. Accessed November 2023.

Google Earth Pro. 2023. Version 7.3.6.9345. Accessed November 2023.

United States Department of Agriculture (USDA).

Natural Resources Conservation Service (NRCS). 2023. Web Soil Survey. Retrieved from: http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm (November 2023).

United States Fish and Wildlife Service (USFWS).

Critical Habitat Portal. Available at: http://criticalhabitat.fws.gov. Accessed November 2023.

United States Fish and Wildlife Service (USFWS). National Wetlands Inventory. https://www.fws.gov/wetlands/data/mapper.html (accessed November 2023).

United States Fish and Wildlife Service (USWFS). Information for Planning and Conservation (IPaC). Retrieved from: http://ecos.fws.gov/ipac/ (November 2023).

United States Geological Survey (USGS).

United States Geological Survey (USGS). 2023. National Hydrography Dataset. https://www.usgs.gov/national-hydrography (accessed November 2023).

Attachment 1

Figures

Figure 1 Regional Vicinity

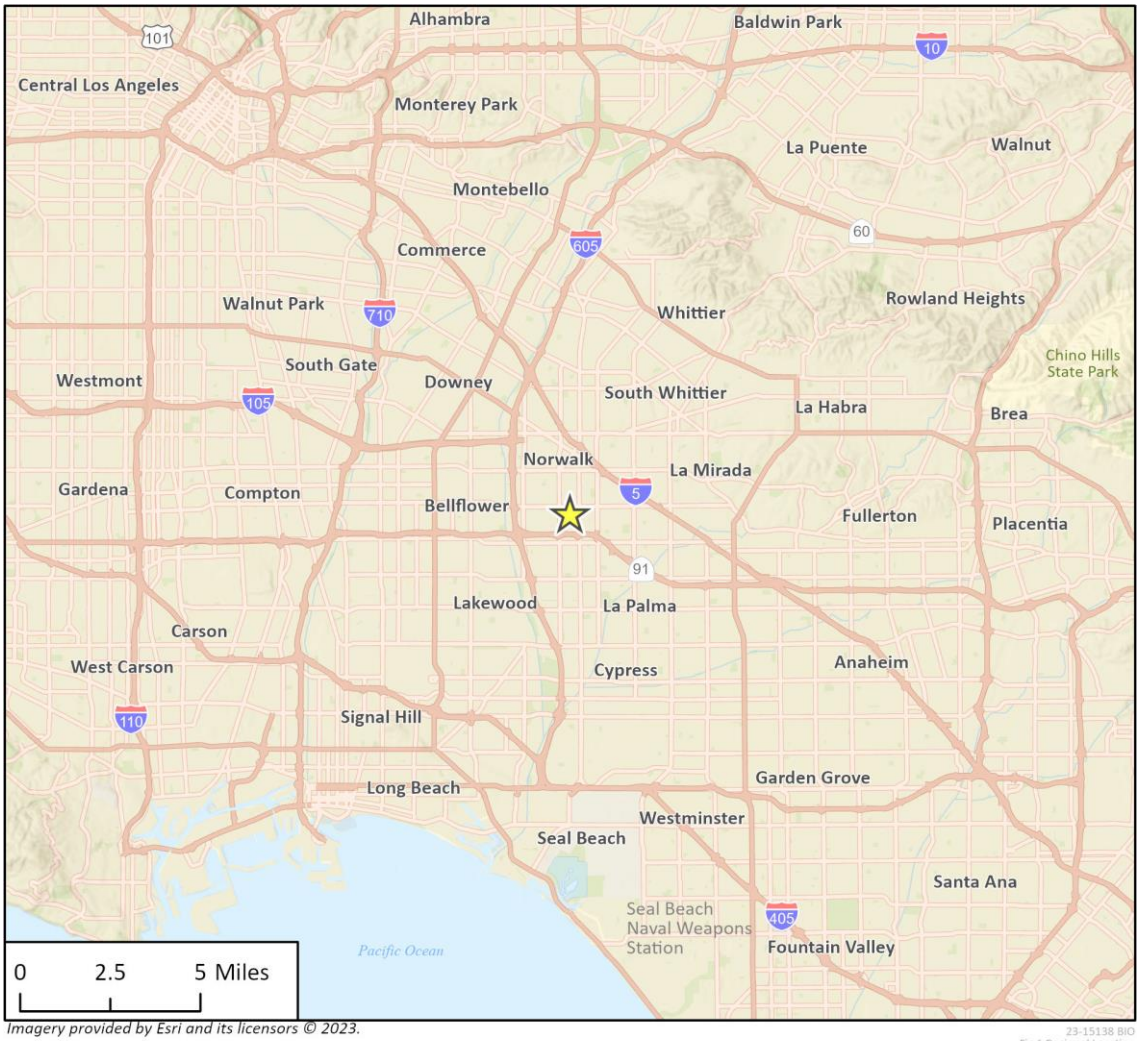
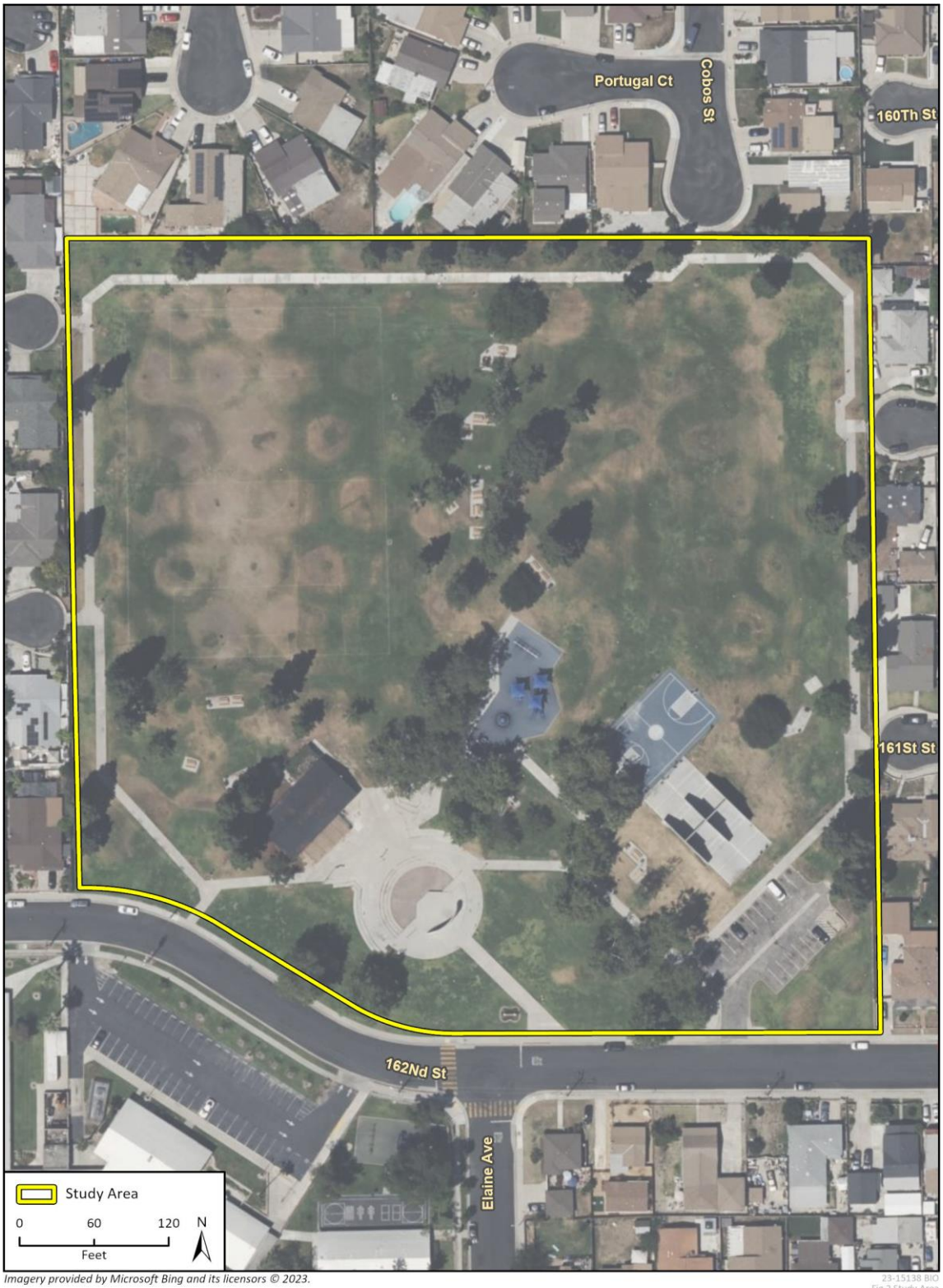


Figure 2 Study Area



Imagery provided by Microsoft Bing and its licensors © 2023.

23-15138 BIO
Fig 2 Study Area

Attachment 2

Site Photographs

Photograph 1. Overview of Hermosillo Park facing North from 162nd Street.

Photograph 2. North facing view of the community center located at Hermosillo Park.

Photograph 3. East facing view of the concrete amphitheater located at Hermosillo Park.

Photograph 4. North facing view of the picnic tables and barbeque stations located in the center of Hermosillo Park.

Photograph 5. East facing view of the basketball and handball courts located at Hermosillo Park.

Photograph 6. North facing view of the playground equipment located at Hermosillo Park.

Photograph 7. Northeast facing view of soccer fields located in the northeast quadrant of Hermosillo Park.

Photograph 8. East facing view of soccer fields located in the northwest quadrant of Hermosillo Park.

Photograph 9. Northeast facing view of the parking lot in Hermosillo Park.

Photograph 10. Northeast facing view of concrete walking path along the eastern project boundary.

Photograph 11. West facing view of residential entrances into Hermosillo Park.

Photograph 12. North facing view of mature ornamental trees located at Hermosillo Park.

To User: bordered cells are inputs, unbordered cells have formulae

noise level limit for construction phase at occupied building, per FTA guidance = 80

allowable hours over which Leq is to be averaged = 8

*Note: the 6.5 ft concrete wall surrounding Hermosillo Park is represented in this construction noise analysis.

Construction Activity	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	*Temporary Barrier Insertion Loss (dB)*	*Additional Noise Reduction*	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq	Source Elevation (ft)	Receiver Elevation (ft)	Barrier Height (ft)	Source to Barr. ("A") Horiz. (ft)	Rcvr. to Barr. ("B") Horiz. (ft)	Source to Rcvr. ("C") Horiz. (ft)	"A" (ft)	"B" (ft)	"C" (ft)	Path Length Diff. "P" (ft)	Abarr (dB)	ILbarr (dB)	Notes
Site mobilization	dozer	1	40	82		50	7.1		74.9	8	480	71	5	5	6.5	45	5	50	45.0	5.2	50.0	0.25	7.1	7.1	
	backhoe	1	40	78		75	6.4		67.2	8	480	63	5	5	6.5	70	5	75	70.0	5.2	75.0	0.24	7.0	6.4	
										Total for Site mobilization Phase:		**71.6**													
Demolition	dozer	1	40	82		155	5.2		63.5	8	480	60	5	5	6.5	150	5	155	150.0	5.2	155.0	0.23	6.8	5.2	
	excavator	1	40	81		180	5.0		61.2	8	480	57	5	5	6.5	175	5	180	175.0	5.2	180.0	0.23	6.8	5.0	
	concrete saw	1	20	90		205	4.8		69.0	8	480	62	5	5	6.5	200	5	205	200.0	5.2	205.0	0.23	6.8	4.8	
										Total for Demolition Phase:		**64.8**													
Reservoir excavation	grader	1	40	85		50	7.1		77.9	8	480	74	5	5	6.5	45	5	50	45.0	5.2	50.0	0.25	7.1	7.1	
	excavator	1	40	81		75	6.4		70.2	8	480	66	5	5	6.5	70	5	75	70.0	5.2	75.0	0.24	7.0	6.4	
	backhoe	1	40	78		100	5.9		63.9	8	480	60	5	5	6.5	95	5	100	95.0	5.2	100.0	0.23	6.9	5.9	
	dozer	1	40	82		125	5.5		65.6	8	480	62	5	5	6.5	120	5	125	120.0	5.2	125.0	0.23	6.8	5.5	
										Total for Reservoir excavation Phase:		**74.9**													
Reservoir construction	crane	1	16	81		50	7.1		73.9	8	480	66	5	5	6.5	45	5	50	45.0	5.2	50.0	0.25	7.1	7.1	
	dozer	1	40	82		75	6.4		71.2	8	480	67	5	5	6.5	70	5	75	70.0	5.2	75.0	0.24	7.0	6.4	
	front end loader	1	40	79		100	5.9		64.9	8	480	61	5	5	6.5	95	5	100	95.0	5.2	100.0	0.23	6.9	5.9	
										Total for Reservoir construction Phase:		**70.2**													
Pipe, diversion structure, and treatment facility/pump install	crane	1	16	81		45	0.2		81.7	8	480	74	5	5	0	25	20	45	25.5	20.6	45.0	0.00	0.1	0.2	
	slurry trenching machine	1	50	80		95	0.0		72.4	8	480	69	5	5	0	75	20	95	75.2	20.6	95.0	0.00	0.1	0.0	
	front end loader	1	40	79		145	0.0		66.4	8	480	62	5	5	0	125	20	145	125.1	20.6	145.0	0.00	0.1	0.0	
										Total for Pipe, diversion structure, and treatment facility/pump install Phase:		**75.3**													
Field surface replacement	grader	1	40	85		50	7.1		77.9	8	480	74	5	5	6.5	45	5	50	45.0	5.2	50.0	0.25	7.1	7.1	
	front end loader	1	40	79		75	6.4		68.2	8	480	64	5	5	6.5	70	5	75	70.0	5.2	75.0	0.24	7.0	6.4	
	compactor (ground)	1	20	80	"turf aerator"	100	5.9		65.9	8	480	59	5	5	6.5	95	5	100	95.0	5.2	100.0	0.23	6.9	5.9	
	compressor (air)	1	40	78	"spreader sprayer"	125	5.5		61.6	8	480	58	5	5	6.5	120	5	125	120.0	5.2	125.0	0.23	6.8	5.5	
										Total for Field surface replacement Phase:		**74.5**													
Upper terrace and bleacher construction	man lift	1	20	75	"telehandler"	145	5.3		57.2	8	480	50	5	5	6.5	140	5	145	140.0	5.2	145.0	0.23	6.8	5.3	
	crane	1	16	81		170	5.0		61.7	8	480	54	5	5	6.5	165	5	170	165.0	5.2	170.0	0.23	6.8	5.0	
	concrete mixer truck	1	40	79		195	4.8		58.5	8	480	54	5	5	6.5	190	5	195	190.0	5.2	195.0	0.23	6.8	4.8	
	man lift	1	20	75	"boom lift"	220	4.7		53.4	8	480	46	5	5	6.5	215	5	220	215.0	5.2	220.0	0.23	6.8	4.7	
										Total for Upper terrace and bleacher construction Phase:		**58.2**													
Community center building construction	man lift	1	20	75	"telehandler"	155	5.2		56.5	8	480	50	5	5	6.5	150	5	155	150.0	5.2	155.0	0.23	6.8	5.2	
	crane	1	16	81		180	5.0		61.2	8	480	53	5	5	6.5	175	5	180	175.0	5.2	180.0	0.23	6.8	5.0	
	concrete mixer truck	1	40	79		205	4.8		58.0	8	480	54	5	5	6.5	200	5	205	200.0	5.2	205.0	0.23	6.8	4.8	
	man lift	1	20	75	"boom lift"	230	4.6		53.1	8	480	46	5	5	6.5	225	5	230	225.0	5.2	230.0	0.23	6.8	4.6	
										Total for Community center building construction Phase:		**57.7**													
Architectural coatings	compressor (air)	1	40	78		155	5.2		59.5	8	480	56	5	5	6.5	150	5	155	150.0	5.2	155.0	0.23	6.8	5.2	

To User: bordered cells are inputs, unbordered cells have formulae

noise level limit for construction phase at occupied building, per FTA guidance = 80

allowable hours over which Leq is to be averaged = 8

*Note: the 6.5 ft concrete wall surrounding Hermosillo Park is represented in this construction noise analysis.

Construction Activity	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to NSR Distance (ft.)	*Temporary Barrier Insertion Loss (dB)*	*Additional Noise Reduction*	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq	Source Elevation (ft)	Receiver Elevation (ft)	Barrier Height (ft)	Source to Barr. ("A") Horiz. (ft)	Rcvr. to Barr. ("B") Horiz. (ft)	Source to Rcvr. ("C") Horiz. (ft)	"A" (ft)	"B" (ft)	"C" (ft)	Path Length Diff. "P" (ft)	Abarr (dB)	ILbarr (dB)	Notes
Site mobilization	dozer	3	40	82		180	5.0		62.2	8	480	63	5	5	6.5	175	5	180	175.0	5.2	180.0	0.23	6.8	5.0	
	backhoe	4	40	78		180	5.0		58.2	8	480	60	5	5	6.5	175	5	180	175.0	5.2	180.0	0.23	6.8	5.0	
									Total for Site mobilization Phase:			**64.8**													
Demolition	dozer	2	40	82		315	4.1		57.4	8	480	56	5	5	6.5	310	5	315	310.0	5.2	315.0	0.22	6.7	4.1	
	excavator	2	40	81		315	4.1		56.4	8	480	55	5	5	6.5	310	5	315	310.0	5.2	315.0	0.22	6.7	4.1	
	concrete saw	1	20	90		315	4.1		65.4	8	480	58	5	5	6.5	310	5	315	310.0	5.2	315.0	0.22	6.7	4.1	
									Total for Demolition Phase:			**61.7**													
Reservoir excavation	grader	1	40	85		180	5.0		65.2	8	480	61	5	5	6.5	175	5	180	175.0	5.2	180.0	0.23	6.8	5.0	
	excavator	2	40	81		180	5.0		61.2	8	480	60	5	5	6.5	175	5	180	175.0	5.2	180.0	0.23	6.8	5.0	
	backhoe	3	40	78		180	5.0		58.2	8	480	59	5	5	6.5	175	5	180	175.0	5.2	180.0	0.23	6.8	5.0	
	dozer	2	40	82		180	5.0		62.2	8	480	61	5	5	6.5	175	5	180	175.0	5.2	180.0	0.23	6.8	5.0	
									Total for Reservoir excavation Phase:			**66.5**													
Reservoir construction	crane	1	16	81		180	5.0		61.2	8	480	53	5	5	6.5	175	5	180	175.0	5.2	180.0	0.23	6.8	5.0	
	dozer	2	40	82		180	5.0		62.2	8	480	61	5	5	6.5	175	5	180	175.0	5.2	180.0	0.23	6.8	5.0	
	front end loader	2	40	79		180	5.0		59.2	8	480	58	5	5	6.5	175	5	180	175.0	5.2	180.0	0.23	6.8	5.0	
									Total for Reservoir construction Phase:			**63.4**													
Pipe, diversion structure, and treatment facility/pump install	crane	1	16	81		170	0.0		66.7	8	480	59	5	5	0	165	5	170	165.1	7.1	170.0	0.00	0.1	0.0	
	slurry trenching machine	2	50	80		170	0.0		65.7	8	480	66	5	5	0	165	5	170	165.1	7.1	170.0	0.00	0.1	0.0	
	front end loader	2	40	79		170	0.0		64.7	8	480	64	5	5	0	165	5	170	165.1	7.1	170.0	0.00	0.1	0.0	
									Total for Pipe, diversion structure, and treatment facility/pump install Phase:			**68.4**													
Field surface replacement	grader	1	40	85		180	5.0		65.2	8	480	61	5	5	6.5	175	5	180	175.0	5.2	180.0	0.23	6.8	5.0	
	front end loader	1	40	79		180	5.0		59.2	8	480	55	5	5	6.5	175	5	180	175.0	5.2	180.0	0.23	6.8	5.0	
	compactor (ground)	1	20	80	"turf aerator"	180	5.0		60.2	8	480	53	5	5	6.5	175	5	180	175.0	5.2	180.0	0.23	6.8	5.0	
	compressor (air)	1	40	78	"spreader sprayer"	180	5.0		58.2	8	480	54	5	5	6.5	175	5	180	175.0	5.2	180.0	0.23	6.8	5.0	
									Total for Field surface replacement Phase:			**63.3**													
Upper terrace and bleacher construction	man lift	1	20	75	"telehandler"	300	4.2		50.8	8	480	44	5	5	6.5	295	5	300	295.0	5.2	300.0	0.22	6.8	4.2	
	crane	1	16	81		300	4.2		56.8	8	480	49	5	5	6.5	295	5	300	295.0	5.2	300.0	0.22	6.8	4.2	
	concrete mixer truck	1	40	79		300	4.2		54.8	8	480	51	5	5	6.5	295	5	300	295.0	5.2	300.0	0.22	6.8	4.2	
	man lift	1	20	75	"boom lift"	300	4.2		50.8	8	480	44	5	5	6.5	295	5	300	295.0	5.2	300.0	0.22	6.8	4.2	
									Total for Upper terrace and bleacher construction Phase:			**53.9**													
Community center building construction	man lift	1	20	75	"telehandler"	315	4.1		50.4	8	480	43	5	5	6.5	310	5	315	310.0	5.2	315.0	0.22	6.7	4.1	
	crane	1	16	81		315	4.1		56.4	8	480	48	5	5	6.5	310	5	315	310.0	5.2	315.0	0.22	6.7	4.1	
	concrete mixer truck	1	40	79		315	4.1		54.4	8	480	50	5	5	6.5	310	5	315	310.0	5.2	315.0	0.22	6.7	4.1	
	man lift	1	20	75	"boom lift"	315	4.1		50.4	8	480	43	5	5	6.5	310	5	315	310.0	5.2	315.0	0.22	6.7	4.1	
									Total for Community center building construction Phase:			**53.5**													
Architectural coatings	compressor (air)	1	40	78		315	4.1		53.4	8	480	49	5	5	6.5	310	5	315	310.0	5.2	315.0	0.22	6.7	4.1	
									Total for Architectural coatings Phase:			**49.4**													
Basketball court, handball court, ampitheater, splash pad construction	man lift	1	20	75	"telehandler"	225	4.6		53.2	8	480	46	5	5	6.5	220	5	225	220.0	5.2	225.0	0.23	6.8	4.6	
	crane	1	16	81		225	4.6		59.2	8	480	51	5	5	6.5	220	5	225	220.0	5.2	225.0	0.23	6.8	4.6	
	concrete mixer truck	1	40	79		225	4.6		57.2	8	480	53	5	5	6.5	220	5	225	220.0	5.2	225.0	0.23	6.8	4.6	
	man lift	1	20	75	"boom lift"	225	4.6		53.2	8	480	46	5	5	6.5	220	5	225	220.0	5.2	225.0	0.23	6.8	4.6	
									Total for Basketball court, handball court, ampitheater, splash pad construction Phase:			**56.3**													
Parking lot reconfiguration	front end loader	1	40	79		125	5.5		62.6	8	480	59	5	5	6.5	120	5	125	120.0	5.2	125.0	0.23	6.8	5.5	
	roller	1	20	80		125	5.5		63.6	8	480	57	5	5	6.5	120	5	125	120.0	5.2	125.0	0.23	6.8	5.5	
	dump truck	1	40	76		125	5.5		59.6	8	480	56	5	5	6.5	120	5	125	120.0	5.2	125.0	0.23	6.8	5.5	
	compactor (ground)	1	20	80		125	5.5		63.6	8	480	57	5	5	6.5	120	5	125	120.0	5.2	125.0	0.23	6.8	5.5	
	paver	1	50	77		125	5.5		60.6	8	480	58	5	5	6.5	120	5	125	120.0	5.2	125.0	0.23	6.8	5.5	
									Total for Parking lot reconfiguration Phase:			**64.1**													
Concrete pathway improvements	concrete mixer truck	1	40	79		125	5.5		62.6	8	480	59	5	5	6.5	120	5	125	120.0	5.2	125.0	0.23	6.8	5.5	
									Total for Concrete pathway improvements Phase:			**58.6**													
Ancillary park improvements	crane	1	16	81		125	5.5		64.6	8	480	57	5	5	6.5	120	5	125	120.0	5.2	125.0	0.23	6.8	5.5	
	front end loader	1	40	79		125	5.5		62.6	8	480	59	5	5	6.5	120	5	125	120.0	5.2	125.0	0.23	6.8	5.5	
	man lift	1	20	75		125	5.5		58.6	8	480	52	5	5	6.5	120	5	125	120.0	5.2	125.0	0.23	6.8	5.5	
	concrete mixer truck	1	40	79		125	5.5		62.6	8	480	59	5	5	6.5	120	5	125	120.0	5.2	125.0	0.23	6.8	5.5	
									Total for Ancillary park improvements Phase:			**63.1**													

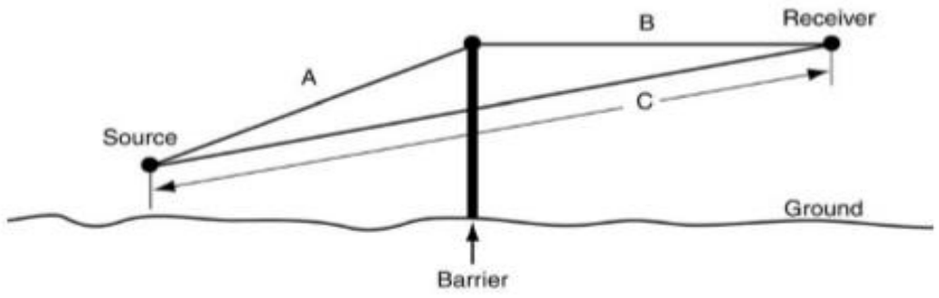
Equipment Description	Impact Device?	Acoustical Use Factor (%)	Lesser of or available Lmax	Spec. 721 Lmax	Measured L_{max} @50ft (dBA, slow)
All Other Equipment > 5 HP	No	50	85	85	-- N/A --
Auger Drill Rig	No	20	84	85	84
Backhoe	No	40	78	80	78
Bar Bender	No	20	80	80	-- N/A --
Blasting	Yes	-- N/A --	94	94	-- N/A --
Boring Jack Power Unit	No	50	80	80	83
Chain Saw	No	20	84	85	84
Clam Shovel (dropping)	Yes	20	87	93	87
Compactor (ground)	No	20	80	80	83
Compressor (air)	No	40	78	80	78
Concrete Batch Plant	No	15	83	83	-- N/A --
Concrete Mixer Truck	No	40	79	85	79
Concrete Pump Truck	No	20	81	82	81
Concrete Saw	No	20	90	90	90
Crane	No	16	81	85	81
Dozer	No	40	82	85	82
Drill Rig Truck	No	20	79	84	79
Drum Mixer	No	50	80	80	80
Dump Truck	No	40	76	84	76
Excavator	No	40	81	85	81
Flat Bed Truck	No	40	74	84	74
Front End Loader	No	40	79	80	79
Generator	No	50	72	72	81
Generator (<25KVA, VMS signs)	No	50	70	70	73
Gradall	No	40	83	85	83
Grader	No	40	85	85	-- N/A --
Grapple (on backhoe)	No	40	85	85	87
Horizontal Boring Hydr. Jack	No	25	80	80	82
Hydra Break Ram	Yes	10	90	90	-- N/A --
Impact Pile Driver	Yes	20	95	95	101
Jackhammer	Yes	20	85	85	89
Man Lift	No	20	75	85	75
Mounted Impact Hammer (hoe ram)	Yes	20	90	90	90
Pavement Scarafier	No	20	85	85	90
Paver	No	50	77	85	77
Pickup Truck	No	40	55	55	75
Pneumatic Tools	No	50	85	85	85
Pumps	No	50	77	77	81
Refrigerator Unit	No	100	73	82	73
Rivit Buster/chipping gun	Yes	20	79	85	79
Rock Drill	No	20	81	85	81
Roller	No	20	80	85	80
Sand Blasting (Single Nozzle)	No	20	85	85	96
Scraper	No	40	84	85	84
Shears (on backhoe)	No	40	85	85	96
Slurry Plant	No	100	78	78	78
Slurry Trenching Machine	No	50	80	82	80
Soil Mix Drill Rig	No	50	80	80	-- N/A --
Tractor	No	40	84	84	-- N/A --
Vacuum Excavator (Vac-truck)	No	40	85	85	85
Vacuum Street Sweeper	No	10	80	80	82
Ventilation Fan	No	100	79	85	79
Vibrating Hopper	No	50	85	85	87
Vibratory Concrete Mixer	No	20	80	80	80
Vibratory Pile Driver	No	20	95	95	101
Warning Horn	No	5	83	85	83
Welder / Torch	No	40	73	73	74

$Source_{elev}$	5.0	A_{horiz}	24.0	A	25.0
$Receiver_{elev}$	10.0	B_{horiz}	38.0	B	38.1
C	62.2	C_{horiz}	62.0		
P	0.85				
$Barrier_{elev}$	12				
Abarr	12.3				

The above calculations, refering to inputs from the figure at right, helps a user estimate what barrier attenuation (Abarr) to expect (i.e., up to 15 per formula to right) based upon source height (above grade), barrier height, and receiver height, and the horizontal distances between the source and receiver to the barrier. The FTA-based formula in the grid_barr_IL_X worksheets use these path length (P) and Abarr values to determine the barrier's insertion loss for each barrier element with respect to the ID'd source-to-receptor path it occludes.

Barrier Parameter P

P= A+B-C



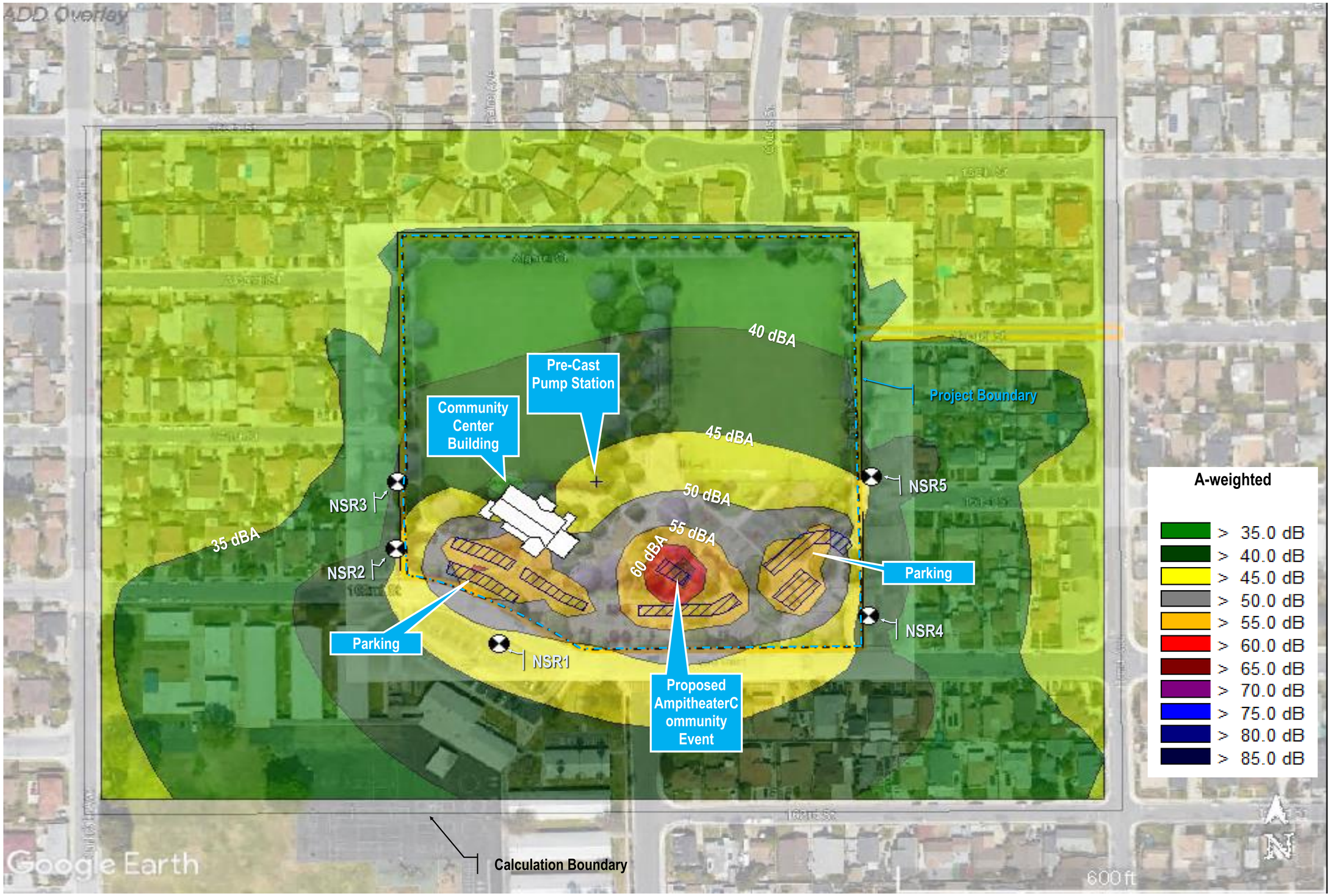
For all other barriers, and for protrusion of terrain above the line of sight:	$A_{barrier} = \min\left\{15 or \left[20 \times \log\left(\frac{2.51\sqrt{P}}{\tanh\left[4.46\sqrt{P}\right]}\right) + 5\right]\right\}$
Barrier Insertion Loss	$IL_{barrier} = \max\left\{0 or \left[A_{barrier} - 10(G_{NB} - G_B)\log\left(\frac{D}{50}\right)\right]\right\}$

D = closest distance between the receiver and the source, in feet
P = path length difference, in feet (see figure below)
G_{NB} = Ground factor G computed *without barrier* (see Figure 6-5)
G_B = Ground factor G computed *with barrier* (see Figure 6-5)

† The term "tanh(variable)" stands for hyperbolic tangent, available on many scientific calculators. If "tanh" is not available, then compute E = exp(variable), and set tanh(variable) = (E - 1/E) / (E + 1/E), where exp(variable) is the "exponential" function, also written as e^x on calculator keypads.

Sources: Transit Noise & Vibration Impact Assessment (FTA 2006)

05/09/21, MCS: This model now considers effect of up to two barriers ("nearest" and "farthest" w.r.t. the receiver) so that "B" is still distance between Receiver and the nearest barrier, while "A" may be distance from Source to top edge of the farthest barrier. In such a situation, the path length difference calculation will include the horizontal distance between the two barriers. If it's a single barrier, this difference equals zero. If there are more than two intervening barriers, only the nearest and farthest will be considered. Hence, good practice should avoid more than two barriers, especially if "middle" barriers are much taller than the nearest or farthest.



SOURCES: Google 2024; Hermosillo Park Stormwater Capture and Park Rehabilitation Project 2024; Dudek 2024

DUDEK

0 198 396 Feet

FIGURE 1

Predicted Stationary Source Operation Noise from Proposed Project (Daytime, 7 a.m. to 10 p.m.)

Hermosillo Park Stormwater Capture and Park Rehabilitation Project (Los Angeles County, CA)

SOURCES: Google 2024; Hermosillo Park Stormwater Capture and Park Rehabilitation Project 2024; Dudek 2024

DUDEK

0 198 396 Feet

FIGURE 2

Predicted Stationary Source Operation Noise from Proposed Project (Nighttime, 10 p.m. to 7 a.m.)

Hermosillo Park Stormwater Capture and Park Rehabilitation Project (Los Angeles County, CA)

Receivers

Daytime (HVAC, pump station, parking, community event)

Name	M.	ID	Level Lr Day (dBA)	Night (dBA)	Limit. Valu Day (dBA)
Sanchez Elementary School		NSR1	48.3	48.3	0
Southwestern Residence 120ft		NSR2	37.6	37.6	0
Western Residence 117ft		NSR3	34.3	34.3	0
Eastern Residence 418ft		NSR4	40.6	40.6	0
Northeastern Residence 418ft		NSR5	44.4	44.4	0

Nighttime (HVAC, pump station, minimal parking)

Name	M.	ID	Level Lr Day (dBA)	Night (dBA)	Limit. Valu Day (dBA)
Sanchez Elementary School		NSR1	40.9	40.9	0
Southwestern Residence 120ft		NSR2	34.7	34.7	0
Western Residence 117ft		NSR3	31.7	31.7	0
Eastern Residence 418ft		NSR4	24.3	24.3	0
Northeastern Residence 418ft		NSR5	24.2	24.2	0

e	Land Use		Height		Coordinates			
Night (dBA)	Type	Auto	Noise Type		X (ft)	Y (ft)	Z (ft)	
0	x	Total		5	r	1085.32	702.48	5
0	x	Total		5	r	939.7	851.91	5
0	x	Total		5	r	942.2	957.29	5
0	x	Total		5	r	1605.17	746.7	5
0	x	Total		5	r	1609.43	964.5	5

e	Land Use		Height		Coordinates			
Night (dBA)	Type	Auto	Noise Type		X (ft)	Y (ft)	Z (ft)	
0	x	Total		5	r	1085.32	702.48	5
0	x	Total		5	r	939.7	851.91	5
0	x	Total		5	r	942.2	957.29	5
0	x	Total		5	r	1605.17	746.7	5
0	x	Total		5	r	1609.43	964.5	5

Point Sources

Name	M.	ID	Result. PWL Day (dBA)	Evening (dBA)	Night (dBA)	Lw / Li Type	Value	norm. dB(A)	Correction Day dB(A)	Evening dB(A)	Night dB(A)	Sound Reduction R	Area (ft²)	Attenuatio
submersible wet well pump 30 kW		SWWP	60.6	60.6	60.6	Lw	SWWP		0	0	0			35

Area Sources

Name	M.	ID	Result. PWL			Result. PWL''			Lw / Li			Correction		
			Day (dBA)	Evening (dBA)	Night (dBA)	Day (dBA)	Evening (dBA)	Night (dBA)	Type	Value	norm. dB(A)	Day dB(A)	Evening dB(A)	Night dB(A)
RooftopHVAC		HVAC	81.1	81.1	81.1	67.9	67.9	67.9	Lw	ACC++AHU		0	0	0
RooftopHVAC		HVAC	79	79	79	65.8	65.8	65.8	Lw	ACC		0	0	0
Parking		Parking	85.1	85.1	85.1	63.2	63.2	63.2	Lw	Car		0	0	0

Barriers

Name	M.	ID	Absorption left	Absorption right	Z-Ext. (ft)	Cantilever horz. (ft)	Cantilever vert. (ft)	Height Begin (ft)	
Existing Concrete Wall		ExWall						6.5	r

Buildings

Name	M.	ID	RB	Residents	Absorptior	Height Begin (ft)	
ComCenterSideBldg		SideBldg	x	0		15	r

Sound Levels (local)

Name	ID	Type	Oktave Spectrum (dB)											Source
			Weight.	31.5	63	125	250	500	1000	2000	4000	8000	A	lin	
BldgAHU	AHU	Lw	A	0	58	70	71	72	69	62	56	51	76.9	89.1	2-8min "rec room" (Loren Cook 1999)

CITY OF NORWALK
A Connected Community

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager

February 9, 2024

Andrew Salas
Chairperson
Gabrieleno Band of Mission Indians
P.O. Box 393
Covina CA 91723

Re: ***Formal Assembly Bill 52 Notification for the Hermosillo Park Stormwater Capture and Park Rehabilitation Project, City of Norwalk, California***

Dear Mr. Salas

Pursuant to California Assembly Bill (AB) 52, the City of Norwalk (City), as Lead Agency pursuant to the California Environmental Quality Act, is providing you with formal notification of the Hermosillo Park Stormwater Capture and Park Rehabilitation Project (proposed Project), located in the City of Norwalk, in Los Angeles County, California. The City is reaching out to all groups listed on the California Native American Heritage Commission (NAHC) Sacred Lands File (SLF) Contact List in a good faith effort to provide notification of the proposed Project to groups that are traditionally or culturally affiliated with the geographic area. This correspondence is intended as formal notification of the proposed Project pursuant to AB 52.

The present notice includes:

- A description of the proposed Project and location;
- Project Location figure;
- A summary of cultural resources work to date, and summary of associated information that can be made available upon request;
- A clear and definitive statement that the tribe has 30 days to request consultation; and
- The lead agency contact information.

Project Location and Description

The proposed Project is located in the southern portion of the City of Norwalk, at 162nd Street east of Clarkdale Avenue and west of Horst Avenue in Los Angeles County, California, within Section 30 of Township 3 South and Range 11 West of the *Whittier, California* U.S. Geological Survey 7.5-minute series quadrangle map (Figure 1, Project Location).

The project entails constructing and operating a stormwater capture, treatment, and infiltration facility within the northern portion of Hermosillo Park, and implementing a comprehensive park rehabilitation project to replace existing park features with improved amenities that will be similar in nature to the existing features. The stormwater capture component of the proposed Project would divert and capture stormwater runoff from the two existing storm drain facilities within the Project area into three subterranean concrete basins proposed beneath the Park's existing grass fields. Prior to flow into the subterranean basins, runoff would be directed through a pre-treatment device that would remove trash, sediments, and solids present in the runoff. Concurrently with construction of the proposed stormwater capture and treatment infrastructure, the City proposes to install two surf soccer fields with concrete bleacher seating, replace the existing

community center and restroom building, replace and modernize the existing picnic areas and walking paths, add shade structure, and reconfigure and expand the parking lot.

Project Involves Ground Disturbance: Yes

Summary of Cultural Resources Identification Efforts

Cultural resources identification efforts undertaken for the proposed Project include a California Historical Resources Information System records search conducted at the South Central Coastal Information Center, a search of the NAHC SLF, a cultural resources field survey, and a review of historical topographic maps and aerial imagery.

The cultural resources records search conducted by Dudek on January 2, 2024, identified five (5) previous cultural resources studies conducted within a half-mile of the proposed Project, none of which address or intersect with the proposed Project. Additionally, no previously recorded cultural resources were identified within the proposed Project or a half-mile radius. Dudek requested a search of the NAHC SLF, and results were received on January 31, 2024. Results were negative for Native American cultural resources within a half-mile radius of the proposed Project. A cultural resources field survey conducted by Dudek on January 25, 2024, did not identify any Native American cultural resources within the proposed Project, and a review of historical topographic maps and aerial imagery indicate the proposed Project area has been subject to ground disturbances as early as 1953. Cultural resources documentation can be provided upon request. Please note, this information should be considered confidential and is not to be redistributed to individuals without traditional or cultural affiliation to the geographic area.

Consultation Request

If you have any comments or concerns regarding potential impacts to tribal cultural resources (as defined in Public Resources Code § 21074) in relation to the proposed Project, or would like to request any additional information, please contact the City of Norwalk at the address below or via email to Run Chen, RChen@norwalkca.gov. All requests for formal tribal consultation, pursuant to AB 52, must be received within 30 days of receipt of this notice. Please include in any request the name of the designated lead contact person. If you have any questions, please don't hesitate to contact Run Chen at RChen@norwalkca.gov.

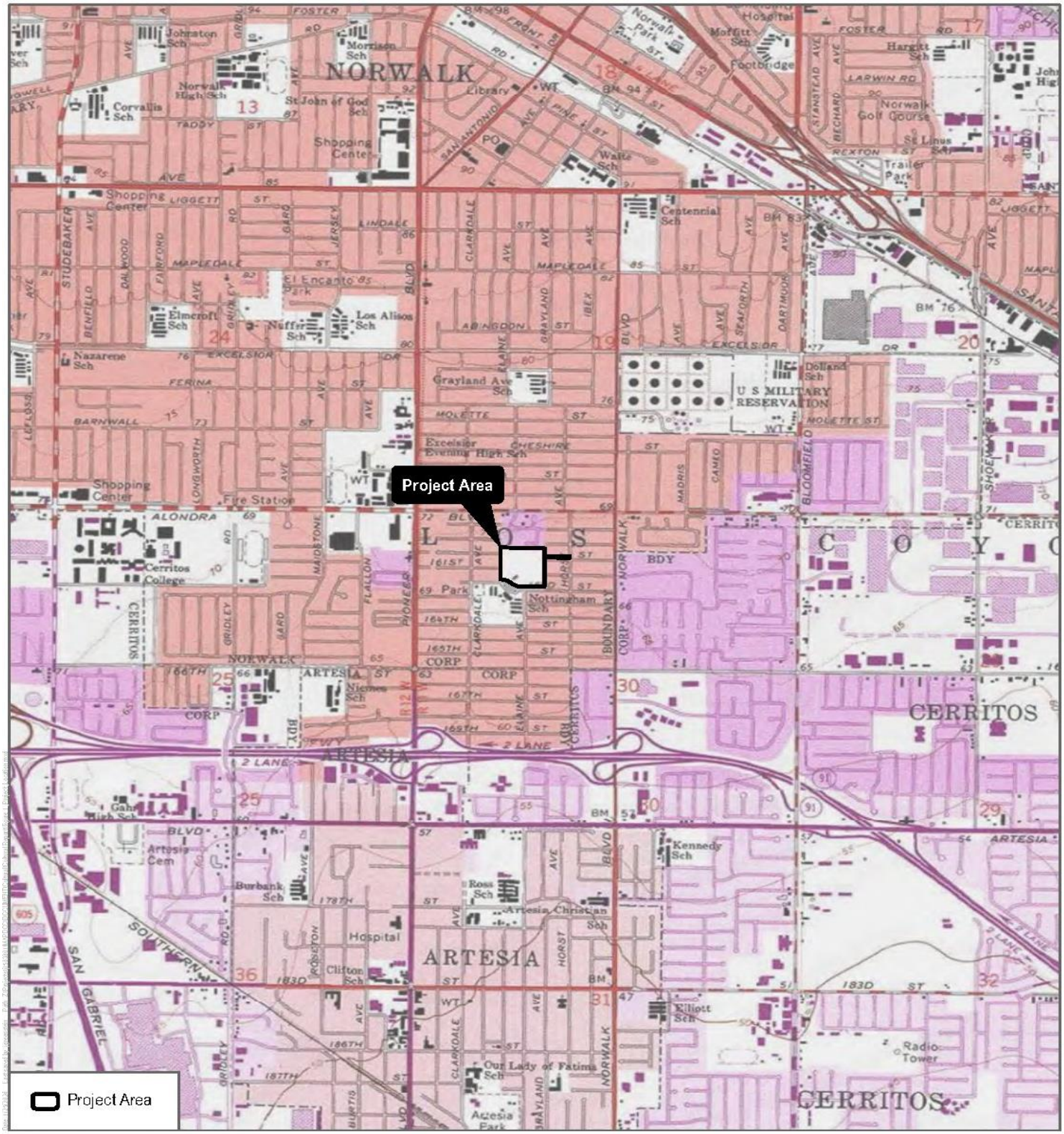
Sincerely,

Run Chen
City of Norwalk
Attn: Hermosillo Park Stormwater Capture and Park Rehabilitation Project
12700 Norwalk Boulevard
Norwalk, CA 90650

Attachments: Figure 1, Project Location

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager



SOURCE: USGS 7.5-Minute Whittier Quadrangles
Township 3S; Range 11W; Section 30

DUDEK

0 1,000 2,000 Feet
0 285 570 Meters
1:24,000

FIGURE 1
Project Location
Hermosillo Park Stormwater Capture and Park Rehabilitation Project

CITY OF NORWALK
A Connected Community

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager

February 9, 2024

Sam Dunlap
Chairperson
Gabrieleno Tongva Nation
P.O. Box 86908
Los Angeles CA 90086

Re: ***Formal Assembly Bill 52 Notification for the Hermosillo Park Stormwater Capture and Park Rehabilitation Project, City of Norwalk, California***

Dear Mr. Dunlap

Pursuant to California Assembly Bill (AB) 52, the City of Norwalk (City), as Lead Agency pursuant to the California Environmental Quality Act, is providing you with formal notification of the Hermosillo Park Stormwater Capture and Park Rehabilitation Project (proposed Project), located in the City of Norwalk, in Los Angeles County, California. The City is reaching out to all groups listed on the California Native American Heritage Commission (NAHC) Sacred Lands File (SLF) Contact List in a good faith effort to provide notification of the proposed Project to groups that are traditionally or culturally affiliated with the geographic area. This correspondence is intended as formal notification of the proposed Project pursuant to AB 52.

The present notice includes:

- A description of the proposed Project and location;
- Project Location figure;
- A summary of cultural resources work to date, and summary of associated information that can be made available upon request;
- A clear and definitive statement that the tribe has 30 days to request consultation; and
- The lead agency contact information.

Project Location and Description

The proposed Project is located in the southern portion of the City of Norwalk, at 162nd Street east of Clarkdale Avenue and west of Horst Avenue in Los Angeles County, California, within Section 30 of Township 3 South and Range 11 West of the *Whittier, California* U.S. Geological Survey 7.5-minute series quadrangle map (Figure 1, Project Location).

The project entails constructing and operating a stormwater capture, treatment, and infiltration facility within the northern portion of Hermosillo Park, and implementing a comprehensive park rehabilitation project to replace existing park features with improved amenities that will be similar in nature to the existing features. The stormwater capture component of the proposed Project would divert and capture stormwater runoff from the two existing storm drain facilities within the Project area into three subterranean concrete basins proposed beneath the Park's existing grass fields. Prior to flow into the subterranean basins, runoff would be directed through a pre-treatment device that would remove trash, sediments, and solids present in the runoff. Concurrently with construction of the proposed stormwater capture and treatment infrastructure, the City proposes to install two surf soccer fields with concrete bleacher seating, replace the existing

community center and restroom building, replace and modernize the existing picnic areas and walking paths, add shade structure, and reconfigure and expand the parking lot.

Project Involves Ground Disturbance: Yes

Summary of Cultural Resources Identification Efforts

Cultural resources identification efforts undertaken for the proposed Project include a California Historical Resources Information System records search conducted at the South Central Coastal Information Center, a search of the NAHC SLF, a cultural resources field survey, and a review of historical topographic maps and aerial imagery.

The cultural resources records search conducted by Dudek on January 2, 2024, identified five (5) previous cultural resources studies conducted within a half-mile of the proposed Project, none of which address or intersect with the proposed Project. Additionally, no previously recorded cultural resources were identified within the proposed Project or a half-mile radius. Dudek requested a search of the NAHC SLF, and results were received on January 31, 2024. Results were negative for Native American cultural resources within a half-mile radius of the proposed Project. A cultural resources field survey conducted by Dudek on January 25, 2024, did not identify any Native American cultural resources within the proposed Project, and a review of historical topographic maps and aerial imagery indicate the proposed Project area has been subject to ground disturbances as early as 1953. Cultural resources documentation can be provided upon request. Please note, this information should be considered confidential and is not to be redistributed to individuals without traditional or cultural affiliation to the geographic area.

Consultation Request

If you have any comments or concerns regarding potential impacts to tribal cultural resources (as defined in Public Resources Code § 21074) in relation to the proposed Project, or would like to request any additional information, please contact the City of Norwalk at the address below or via email to Run Chen, RChen@norwalkca.gov. All requests for formal tribal consultation, pursuant to AB 52, must be received within 30 days of receipt of this notice. Please include in any request the name of the designated lead contact person. If you have any questions, please don't hesitate to contact Run Chen at RChen@norwalkca.gov.

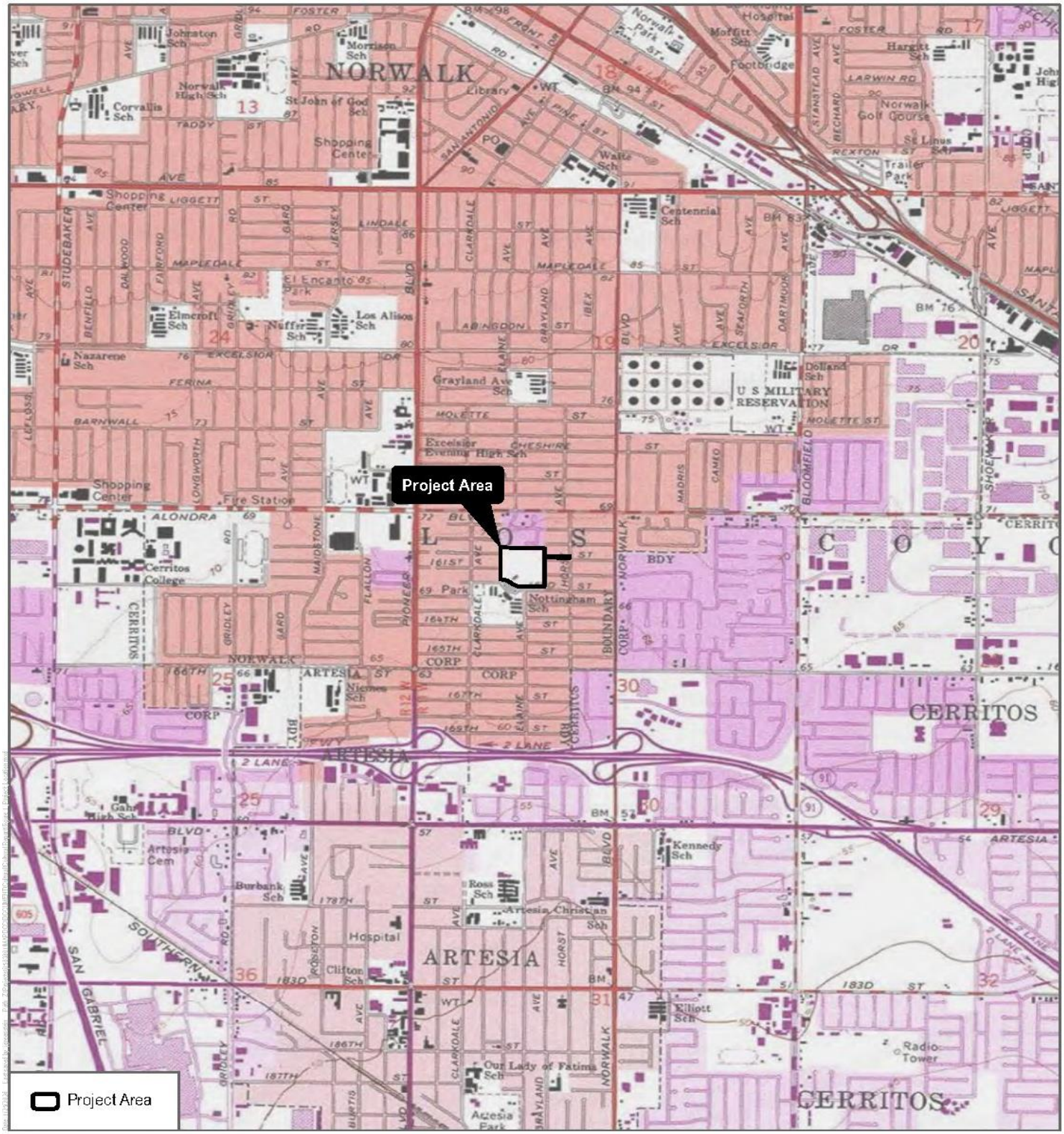
Sincerely,

Run Chen
City of Norwalk
Attn: Hermosillo Park Stormwater Capture and Park Rehabilitation Project
12700 Norwalk Boulevard
Norwalk, CA 90650

Attachments: Figure 1, Project Location

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager



SOURCE: USGS 7.5-Minute Whittier Quadrangles
Township 3S; Range 11W; Section 30

DUDEK

0 1,000 2,000 Feet
0 285 570 Meters
1:24,000

FIGURE 1
Project Location
Hermosillo Park Stormwater Capture and Park Rehabilitation Project

CITY OF NORWALK
A Connected Community

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager

February 9, 2024

Charles Alvarez
Councilman
Gabrieleno Tongva Tribe
23454 Vanowen St.
West Hills CA 91307

Re: ***Formal Assembly Bill 52 Notification for the Hermosillo Park Stormwater Capture and Park Rehabilitation Project, City of Norwalk, California***

Dear Mr. Alvarez

Pursuant to California Assembly Bill (AB) 52, the City of Norwalk (City), as Lead Agency pursuant to the California Environmental Quality Act, is providing you with formal notification of the Hermosillo Park Stormwater Capture and Park Rehabilitation Project (proposed Project), located in the City of Norwalk, in Los Angeles County, California. The City is reaching out to all groups listed on the California Native American Heritage Commission (NAHC) Sacred Lands File (SLF) Contact List in a good faith effort to provide notification of the proposed Project to groups that are traditionally or culturally affiliated with the geographic area. This correspondence is intended as formal notification of the proposed Project pursuant to AB 52.

The present notice includes:

- A description of the proposed Project and location;
- Project Location figure;
- A summary of cultural resources work to date, and summary of associated information that can be made available upon request;
- A clear and definitive statement that the tribe has 30 days to request consultation; and
- The lead agency contact information.

Project Location and Description

The proposed Project is located in the southern portion of the City of Norwalk, at 162nd Street east of Clarkdale Avenue and west of Horst Avenue in Los Angeles County, California, within Section 30 of Township 3 South and Range 11 West of the *Whittier, California* U.S. Geological Survey 7.5-minute series quadrangle map (Figure 1, Project Location).

The project entails constructing and operating a stormwater capture, treatment, and infiltration facility within the northern portion of Hermosillo Park, and implementing a comprehensive park rehabilitation project to replace existing park features with improved amenities that will be similar in nature to the existing features. The stormwater capture component of the proposed Project would divert and capture stormwater runoff from the two existing storm drain facilities within the Project area into three subterranean concrete basins proposed beneath the Park's existing grass fields. Prior to flow into the subterranean basins, runoff would be directed through a pre-treatment device that would remove trash, sediments, and solids present in the runoff. Concurrently with construction of the proposed stormwater capture and treatment infrastructure, the City proposes to install two surf soccer fields with concrete bleacher seating, replace the existing

community center and restroom building, replace and modernize the existing picnic areas and walking paths, add shade structure, and reconfigure and expand the parking lot.

Project Involves Ground Disturbance: Yes

Summary of Cultural Resources Identification Efforts

Cultural resources identification efforts undertaken for the proposed Project include a California Historical Resources Information System records search conducted at the South Central Coastal Information Center, a search of the NAHC SLF, a cultural resources field survey, and a review of historical topographic maps and aerial imagery.

The cultural resources records search conducted by Dudek on January 2, 2024, identified five (5) previous cultural resources studies conducted within a half-mile of the proposed Project, none of which address or intersect with the proposed Project. Additionally, no previously recorded cultural resources were identified within the proposed Project or a half-mile radius. Dudek requested a search of the NAHC SLF, and results were received on January 31, 2024. Results were negative for Native American cultural resources within a half-mile radius of the proposed Project. A cultural resources field survey conducted by Dudek on January 25, 2024, did not identify any Native American cultural resources within the proposed Project, and a review of historical topographic maps and aerial imagery indicate the proposed Project area has been subject to ground disturbances as early as 1953. Cultural resources documentation can be provided upon request. Please note, this information should be considered confidential and is not to be redistributed to individuals without traditional or cultural affiliation to the geographic area.

Consultation Request

If you have any comments or concerns regarding potential impacts to tribal cultural resources (as defined in Public Resources Code § 21074) in relation to the proposed Project, or would like to request any additional information, please contact the City of Norwalk at the address below or via email to Run Chen, RChen@norwalkca.gov. All requests for formal tribal consultation, pursuant to AB 52, must be received within 30 days of receipt of this notice. Please include in any request the name of the designated lead contact person. If you have any questions, please don't hesitate to contact Run Chen at RChen@norwalkca.gov.

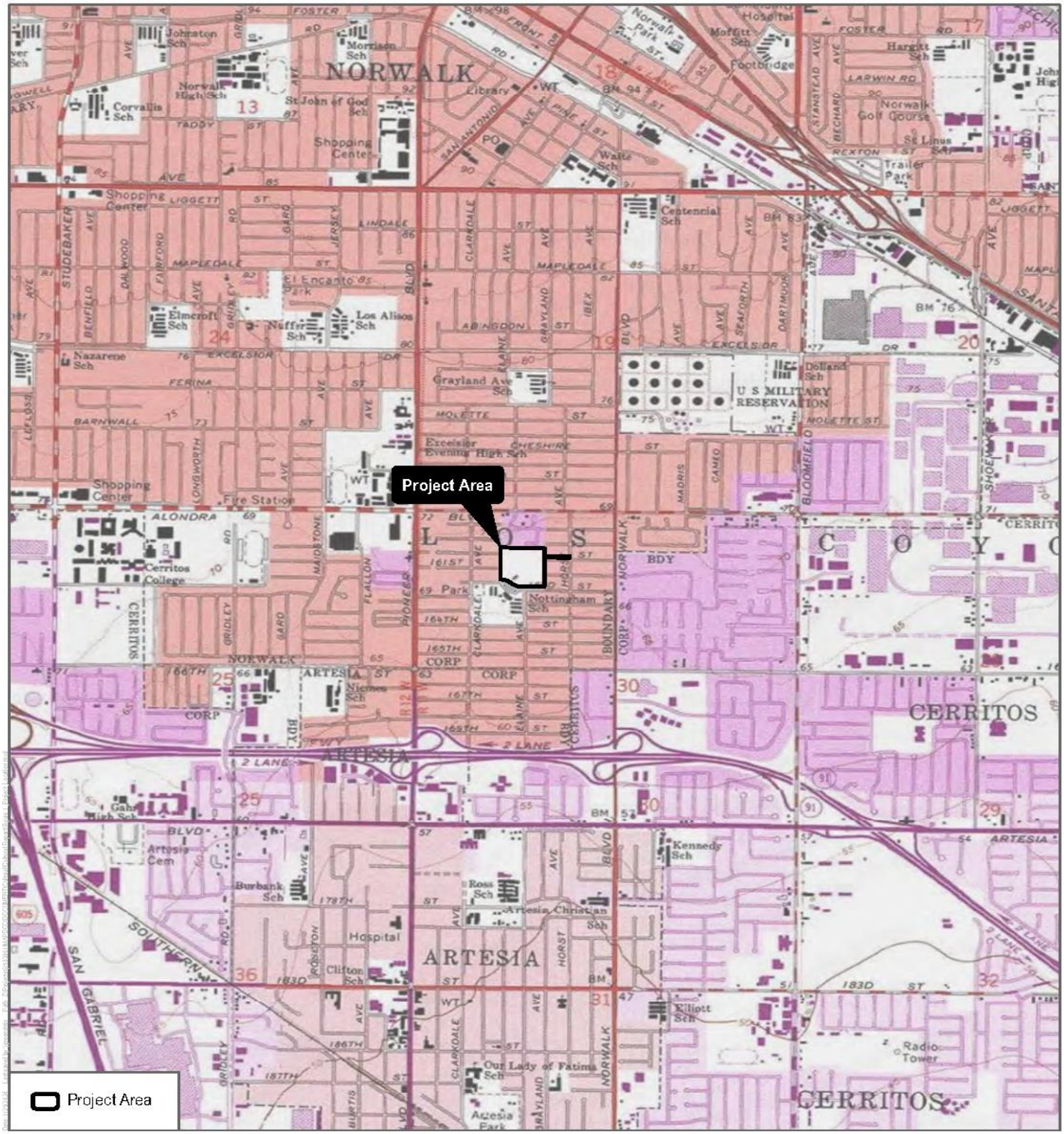
Sincerely,

Run Chen
City of Norwalk
Attn: Hermosillo Park Stormwater Capture and Park Rehabilitation Project
12700 Norwalk Boulevard
Norwalk, CA 90650

Attachments: Figure 1, Project Location

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager



SOURCE: USGS 7.5-Minute Whittier Quadrangles
Township 3S; Range 11W; Section 30

DUDEK

0 1,000 2,000 Feet
0 285 570 Meters
1:24,000

FIGURE 1
Project Location
Hermosillo Park Stormwater Capture and Park Rehabilitation Project

CITY OF NORWALK
A Connected Community

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager

February 9, 2024

Anthony Morales
Chairperson
Gabrieleno/Tongva San Gabriel Band of Mission Indians
P.O. Box 693
San Gabriel CA 91778

Re: ***Formal Assembly Bill 52 Notification for the Hermosillo Park Stormwater Capture and Park Rehabilitation Project, City of Norwalk, California***

Dear Mr. Morales

Pursuant to California Assembly Bill (AB) 52, the City of Norwalk (City), as Lead Agency pursuant to the California Environmental Quality Act, is providing you with formal notification of the Hermosillo Park Stormwater Capture and Park Rehabilitation Project (proposed Project), located in the City of Norwalk, in Los Angeles County, California. The City is reaching out to all groups listed on the California Native American Heritage Commission (NAHC) Sacred Lands File (SLF) Contact List in a good faith effort to provide notification of the proposed Project to groups that are traditionally or culturally affiliated with the geographic area. This correspondence is intended as formal notification of the proposed Project pursuant to AB 52.

The present notice includes:

- A description of the proposed Project and location;
- Project Location figure;
- A summary of cultural resources work to date, and summary of associated information that can be made available upon request;
- A clear and definitive statement that the tribe has 30 days to request consultation; and
- The lead agency contact information.

Project Location and Description

The proposed Project is located in the southern portion of the City of Norwalk, at 162nd Street east of Clarkdale Avenue and west of Horst Avenue in Los Angeles County, California, within Section 30 of Township 3 South and Range 11 West of the *Whittier, California* U.S. Geological Survey 7.5-minute series quadrangle map (Figure 1, Project Location).

The project entails constructing and operating a stormwater capture, treatment, and infiltration facility within the northern portion of Hermosillo Park, and implementing a comprehensive park rehabilitation project to replace existing park features with improved amenities that will be similar in nature to the existing features. The stormwater capture component of the proposed Project would divert and capture stormwater runoff from the two existing storm drain facilities within the Project area into three subterranean concrete basins proposed beneath the Park's existing grass fields. Prior to flow into the subterranean basins, runoff would be directed through a pre-treatment device that would remove trash, sediments, and solids present in the runoff. Concurrently with construction of the proposed stormwater capture and treatment infrastructure, the City proposes to install two surf soccer fields with concrete bleacher seating, replace the existing

community center and restroom building, replace and modernize the existing picnic areas and walking paths, add shade structure, and reconfigure and expand the parking lot.

Project Involves Ground Disturbance: Yes

Summary of Cultural Resources Identification Efforts

Cultural resources identification efforts undertaken for the proposed Project include a California Historical Resources Information System records search conducted at the South Central Coastal Information Center, a search of the NAHC SLF, a cultural resources field survey, and a review of historical topographic maps and aerial imagery.

The cultural resources records search conducted by Dudek on January 2, 2024, identified five (5) previous cultural resources studies conducted within a half-mile of the proposed Project, none of which address or intersect with the proposed Project. Additionally, no previously recorded cultural resources were identified within the proposed Project or a half-mile radius. Dudek requested a search of the NAHC SLF, and results were received on January 31, 2024. Results were negative for Native American cultural resources within a half-mile radius of the proposed Project. A cultural resources field survey conducted by Dudek on January 25, 2024, did not identify any Native American cultural resources within the proposed Project, and a review of historical topographic maps and aerial imagery indicate the proposed Project area has been subject to ground disturbances as early as 1953. Cultural resources documentation can be provided upon request. Please note, this information should be considered confidential and is not to be redistributed to individuals without traditional or cultural affiliation to the geographic area.

Consultation Request

If you have any comments or concerns regarding potential impacts to tribal cultural resources (as defined in Public Resources Code § 21074) in relation to the proposed Project, or would like to request any additional information, please contact the City of Norwalk at the address below or via email to Run Chen, RChen@norwalkca.gov. All requests for formal tribal consultation, pursuant to AB 52, must be received within 30 days of receipt of this notice. Please include in any request the name of the designated lead contact person. If you have any questions, please don't hesitate to contact Run Chen at RChen@norwalkca.gov.

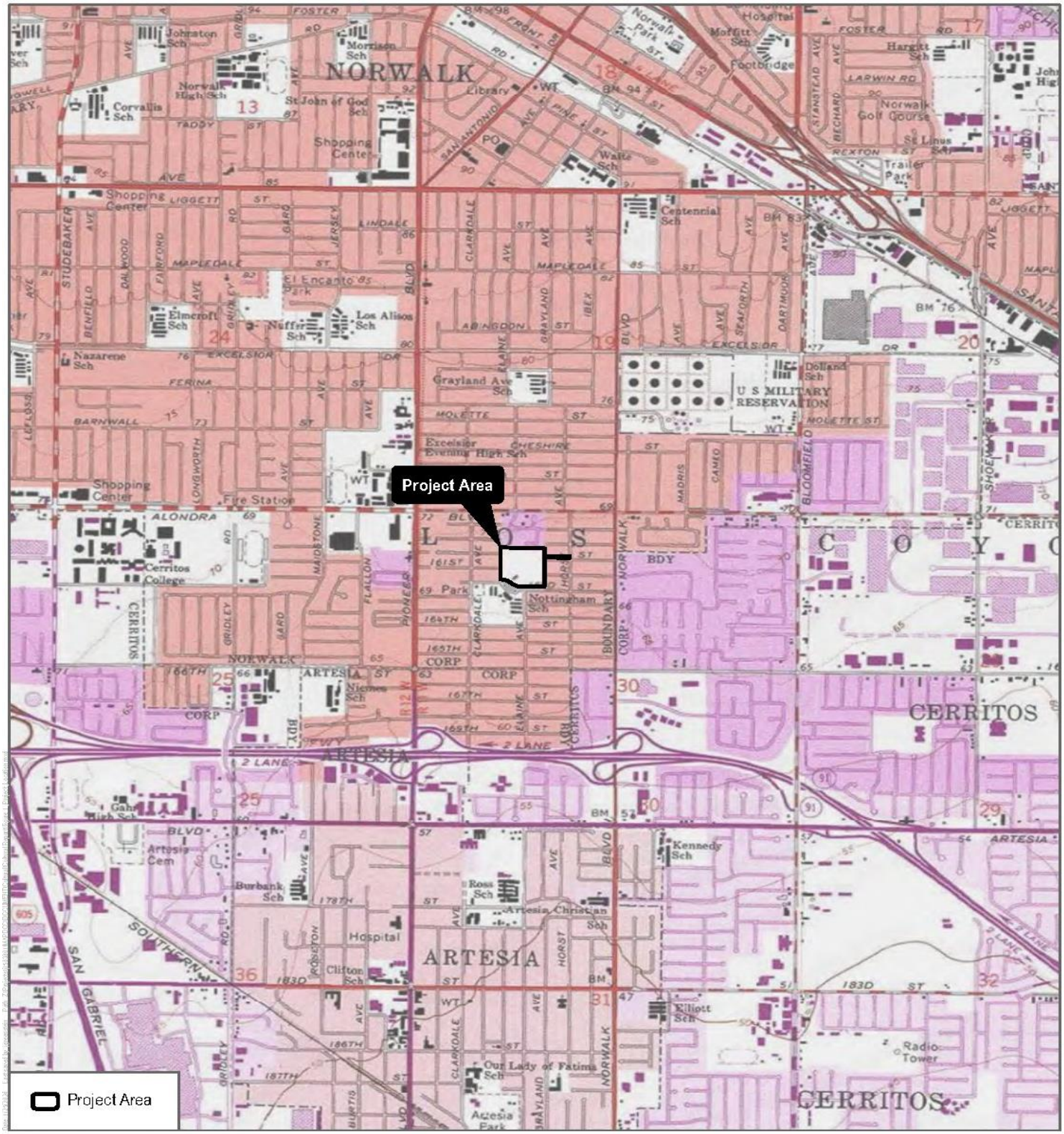
Sincerely,

Run Chen
City of Norwalk
Attn: Hermosillo Park Stormwater Capture and Park Rehabilitation Project
12700 Norwalk Boulevard
Norwalk, CA 90650

Attachments: Figure 1, Project Location

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager



SOURCE: USGS 7.5-Minute Whittier Quadrangles
Township 3S; Range 11W; Section 30

DUDEK

0 1,000 2,000 Feet
0 285 570 Meters
1:24,000

FIGURE 1
Project Location
Hermosillo Park Stormwater Capture and Park Rehabilitation Project

CITY OF NORWALK
A Connected Community

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager

February 9, 2024

Robert F. Dorame
Tribal Chair/Cultural Resources
Gabrielino Tongva Indians of California Tribal Council
P.O. Box 490
Bellflower CA 90707

Re: ***Formal Assembly Bill 52 Notification for the Hermosillo Park Stormwater Capture and Park Rehabilitation Project, City of Norwalk, California***

Dear Mr. Dorame

Pursuant to California Assembly Bill (AB) 52, the City of Norwalk (City), as Lead Agency pursuant to the California Environmental Quality Act, is providing you with formal notification of the Hermosillo Park Stormwater Capture and Park Rehabilitation Project (proposed Project), located in the City of Norwalk, in Los Angeles County, California. The City is reaching out to all groups listed on the California Native American Heritage Commission (NAHC) Sacred Lands File (SLF) Contact List in a good faith effort to provide notification of the proposed Project to groups that are traditionally or culturally affiliated with the geographic area. This correspondence is intended as formal notification of the proposed Project pursuant to AB 52.

The present notice includes:

- A description of the proposed Project and location;
- Project Location figure;
- A summary of cultural resources work to date, and summary of associated information that can be made available upon request;
- A clear and definitive statement that the tribe has 30 days to request consultation; and
- The lead agency contact information.

Project Location and Description

The proposed Project is located in the southern portion of the City of Norwalk, at 162nd Street east of Clarkdale Avenue and west of Horst Avenue in Los Angeles County, California, within Section 30 of Township 3 South and Range 11 West of the *Whittier, California* U.S. Geological Survey 7.5-minute series quadrangle map (Figure 1, Project Location).

The project entails constructing and operating a stormwater capture, treatment, and infiltration facility within the northern portion of Hermosillo Park, and implementing a comprehensive park rehabilitation project to replace existing park features with improved amenities that will be similar in nature to the existing features. The stormwater capture component of the proposed Project would divert and capture stormwater runoff from the two existing storm drain facilities within the Project area into three subterranean concrete basins proposed beneath the Park's existing grass fields. Prior to flow into the subterranean basins, runoff would be directed through a pre-treatment device that would remove trash, sediments, and solids present in the runoff. Concurrently with construction of the proposed stormwater capture and treatment infrastructure, the City proposes to install two surf soccer fields with concrete bleacher seating, replace the existing

community center and restroom building, replace and modernize the existing picnic areas and walking paths, add shade structure, and reconfigure and expand the parking lot.

Project Involves Ground Disturbance: Yes

Summary of Cultural Resources Identification Efforts

Cultural resources identification efforts undertaken for the proposed Project include a California Historical Resources Information System records search conducted at the South Central Coastal Information Center, a search of the NAHC SLF, a cultural resources field survey, and a review of historical topographic maps and aerial imagery.

The cultural resources records search conducted by Dudek on January 2, 2024, identified five (5) previous cultural resources studies conducted within a half-mile of the proposed Project, none of which address or intersect with the proposed Project. Additionally, no previously recorded cultural resources were identified within the proposed Project or a half-mile radius. Dudek requested a search of the NAHC SLF, and results were received on January 31, 2024. Results were negative for Native American cultural resources within a half-mile radius of the proposed Project. A cultural resources field survey conducted by Dudek on January 25, 2024, did not identify any Native American cultural resources within the proposed Project, and a review of historical topographic maps and aerial imagery indicate the proposed Project area has been subject to ground disturbances as early as 1953. Cultural resources documentation can be provided upon request. Please note, this information should be considered confidential and is not to be redistributed to individuals without traditional or cultural affiliation to the geographic area.

Consultation Request

If you have any comments or concerns regarding potential impacts to tribal cultural resources (as defined in Public Resources Code § 21074) in relation to the proposed Project, or would like to request any additional information, please contact the City of Norwalk at the address below or via email to Run Chen, RChen@norwalkca.gov. All requests for formal tribal consultation, pursuant to AB 52, must be received within 30 days of receipt of this notice. Please include in any request the name of the designated lead contact person. If you have any questions, please don't hesitate to contact Run Chen at RChen@norwalkca.gov.

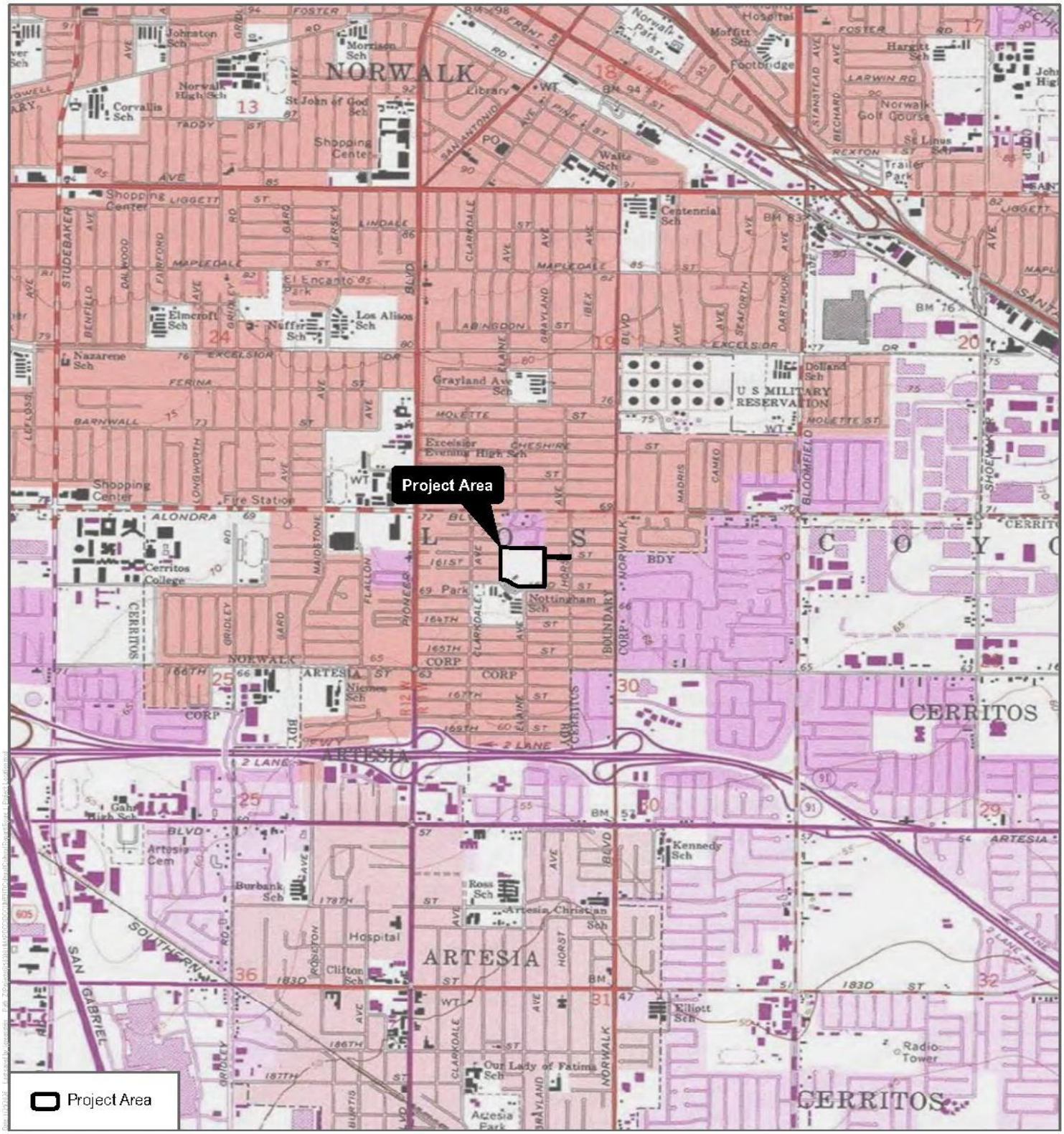
Sincerely,

Run Chen
City of Norwalk
Attn: Hermosillo Park Stormwater Capture and Park Rehabilitation Project
12700 Norwalk Boulevard
Norwalk, CA 90650

Attachments: Figure 1, Project Location

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager



SOURCE: USGS 7.5-Minute Whittier Quadrangles
Township 3S; Range 11W; Section 30

DUDEK

0 1,000 2,000 Feet
0 285 570 Meters
1:24,000

FIGURE 1
Project Location
Hermosillo Park Stormwater Capture and Park Rehabilitation Project

CITY OF NORWALK
A Connected Community

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager

February 9, 2024

Christina Conley
Tribal Consultant and Administrator
GabrielinoTongva Indians of California Tribal Council
P.O. Box 941078
Simi Valley CA 93094

Re: ***Formal Assembly Bill 52 Notification for the Hermosillo Park Stormwater Capture and Park Rehabilitation Project, City of Norwalk, California***

Dear Ms. Conley

Pursuant to California Assembly Bill (AB) 52, the City of Norwalk (City), as Lead Agency pursuant to the California Environmental Quality Act, is providing you with formal notification of the Hermosillo Park Stormwater Capture and Park Rehabilitation Project (proposed Project), located in the City of Norwalk, in Los Angeles County, California. The City is reaching out to all groups listed on the California Native American Heritage Commission (NAHC) Sacred Lands File (SLF) Contact List in a good faith effort to provide notification of the proposed Project to groups that are traditionally or culturally affiliated with the geographic area. This correspondence is intended as formal notification of the proposed Project pursuant to AB 52.

The present notice includes:

- A description of the proposed Project and location;
- Project Location figure;
- A summary of cultural resources work to date, and summary of associated information that can be made available upon request;
- A clear and definitive statement that the tribe has 30 days to request consultation; and
- The lead agency contact information.

Project Location and Description

The proposed Project is located in the southern portion of the City of Norwalk, at 162nd Street east of Clarkdale Avenue and west of Horst Avenue in Los Angeles County, California, within Section 30 of Township 3 South and Range 11 West of the *Whittier, California* U.S. Geological Survey 7.5-minute series quadrangle map (Figure 1, Project Location).

The project entails constructing and operating a stormwater capture, treatment, and infiltration facility within the northern portion of Hermosillo Park, and implementing a comprehensive park rehabilitation project to replace existing park features with improved amenities that will be similar in nature to the existing features. The stormwater capture component of the proposed Project would divert and capture stormwater runoff from the two existing storm drain facilities within the Project area into three subterranean concrete basins proposed beneath the Park's existing grass fields. Prior to flow into the subterranean basins, runoff would be directed through a pre-treatment device that would remove trash, sediments, and solids present in the runoff. Concurrently with construction of the proposed stormwater capture and treatment infrastructure, the City proposes to install two surf soccer fields with concrete bleacher seating, replace the existing

community center and restroom building, replace and modernize the existing picnic areas and walking paths, add shade structure, and reconfigure and expand the parking lot.

Project Involves Ground Disturbance: Yes

Summary of Cultural Resources Identification Efforts

Cultural resources identification efforts undertaken for the proposed Project include a California Historical Resources Information System records search conducted at the South Central Coastal Information Center, a search of the NAHC SLF, a cultural resources field survey, and a review of historical topographic maps and aerial imagery.

The cultural resources records search conducted by Dudek on January 2, 2024, identified five (5) previous cultural resources studies conducted within a half-mile of the proposed Project, none of which address or intersect with the proposed Project. Additionally, no previously recorded cultural resources were identified within the proposed Project or a half-mile radius. Dudek requested a search of the NAHC SLF, and results were received on January 31, 2024. Results were negative for Native American cultural resources within a half-mile radius of the proposed Project. A cultural resources field survey conducted by Dudek on January 25, 2024, did not identify any Native American cultural resources within the proposed Project, and a review of historical topographic maps and aerial imagery indicate the proposed Project area has been subject to ground disturbances as early as 1953. Cultural resources documentation can be provided upon request. Please note, this information should be considered confidential and is not to be redistributed to individuals without traditional or cultural affiliation to the geographic area.

Consultation Request

If you have any comments or concerns regarding potential impacts to tribal cultural resources (as defined in Public Resources Code § 21074) in relation to the proposed Project, or would like to request any additional information, please contact the City of Norwalk at the address below or via email to Run Chen, RChen@norwalkca.gov. All requests for formal tribal consultation, pursuant to AB 52, must be received within 30 days of receipt of this notice. Please include in any request the name of the designated lead contact person. If you have any questions, please don't hesitate to contact Run Chen at RChen@norwalkca.gov.

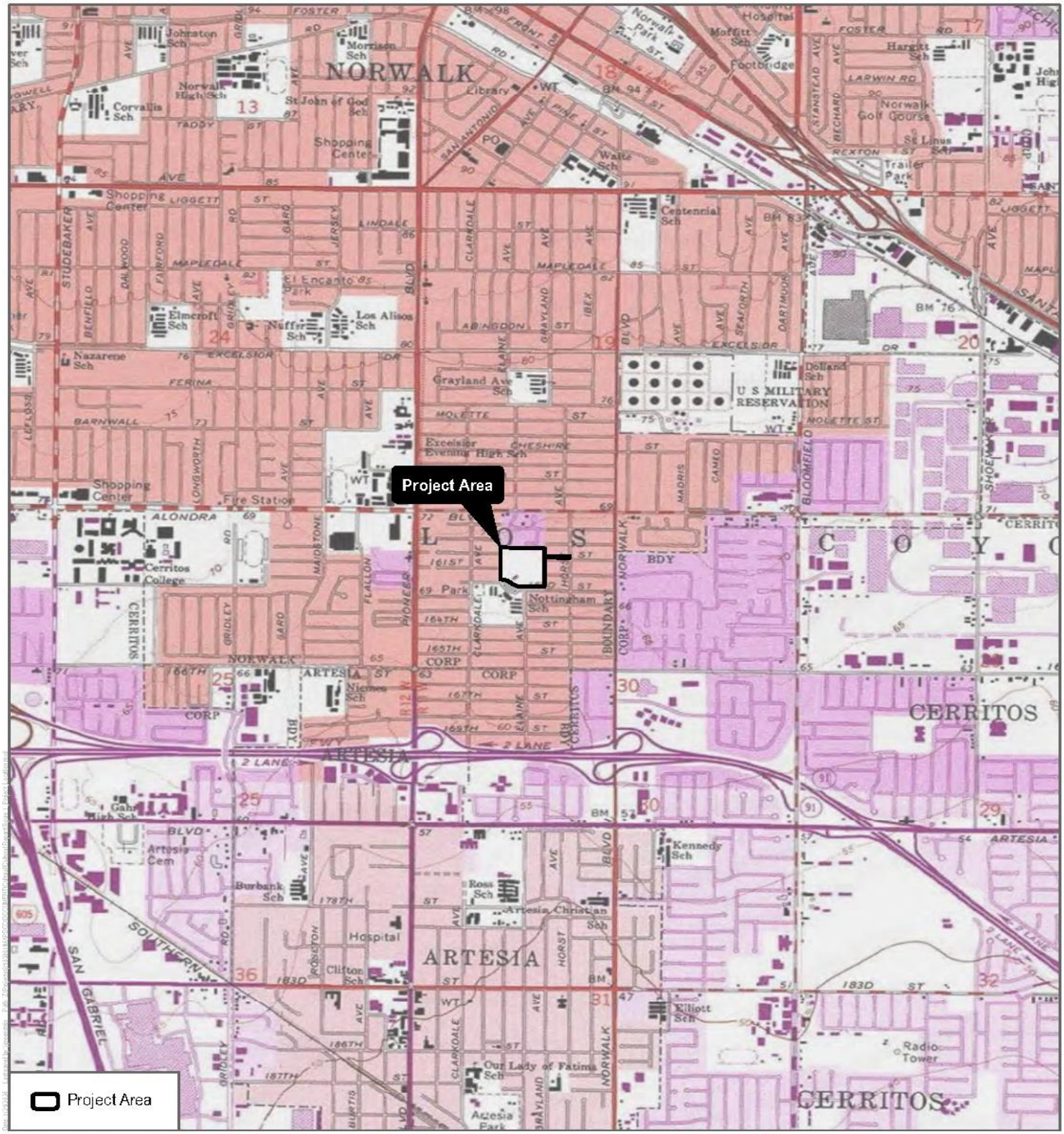
Sincerely,

Run Chen
City of Norwalk
Attn: Hermosillo Park Stormwater Capture and Park Rehabilitation Project
12700 Norwalk Boulevard
Norwalk, CA 90650

Attachments: Figure 1, Project Location

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager



SOURCE: USGS 7.5-Minute Whittier Quadrangles
Township 3S; Range 11W; Section 30

DUDEK

0 1,000 2,000 Feet
0 285 570 Meters
1:24,000

FIGURE 1
Project Location
Hermosillo Park Stormwater Capture and Park Rehabilitation Project

CITY OF NORWALK
A Connected Community

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager

February 9, 2024

Sandonne Goad
Chairperson
Gabrielino-Tongva Nation
106 1/2 Judge John Also St.
Los Angeles CA 90012

Re: ***Formal Assembly Bill 52 Notification for the Hermosillo Park Stormwater Capture and Park Rehabilitation Project, City of Norwalk, California***

Dear Ms. Goad

Pursuant to California Assembly Bill (AB) 52, the City of Norwalk (City), as Lead Agency pursuant to the California Environmental Quality Act, is providing you with formal notification of the Hermosillo Park Stormwater Capture and Park Rehabilitation Project (proposed Project), located in the City of Norwalk, in Los Angeles County, California. The City is reaching out to all groups listed on the California Native American Heritage Commission (NAHC) Sacred Lands File (SLF) Contact List in a good faith effort to provide notification of the proposed Project to groups that are traditionally or culturally affiliated with the geographic area. This correspondence is intended as formal notification of the proposed Project pursuant to AB 52.

The present notice includes:

- A description of the proposed Project and location;
- Project Location figure;
- A summary of cultural resources work to date, and summary of associated information that can be made available upon request;
- A clear and definitive statement that the tribe has 30 days to request consultation; and
- The lead agency contact information.

Project Location and Description

The proposed Project is located in the southern portion of the City of Norwalk, at 162nd Street east of Clarkdale Avenue and west of Horst Avenue in Los Angeles County, California, within Section 30 of Township 3 South and Range 11 West of the *Whittier, California* U.S. Geological Survey 7.5-minute series quadrangle map (Figure 1, Project Location).

The project entails constructing and operating a stormwater capture, treatment, and infiltration facility within the northern portion of Hermosillo Park, and implementing a comprehensive park rehabilitation project to replace existing park features with improved amenities that will be similar in nature to the existing features. The stormwater capture component of the proposed Project would divert and capture stormwater runoff from the two existing storm drain facilities within the Project area into three subterranean concrete basins proposed beneath the Park's existing grass fields. Prior to flow into the subterranean basins, runoff would be directed through a pre-treatment device that would remove trash, sediments, and solids present in the runoff. Concurrently with construction of the proposed stormwater capture and treatment infrastructure, the City proposes to install two surf soccer fields with concrete bleacher seating, replace the existing

community center and restroom building, replace and modernize the existing picnic areas and walking paths, add shade structure, and reconfigure and expand the parking lot.

Project Involves Ground Disturbance: Yes

Summary of Cultural Resources Identification Efforts

Cultural resources identification efforts undertaken for the proposed Project include a California Historical Resources Information System records search conducted at the South Central Coastal Information Center, a search of the NAHC SLF, a cultural resources field survey, and a review of historical topographic maps and aerial imagery.

The cultural resources records search conducted by Dudek on January 2, 2024, identified five (5) previous cultural resources studies conducted within a half-mile of the proposed Project, none of which address or intersect with the proposed Project. Additionally, no previously recorded cultural resources were identified within the proposed Project or a half-mile radius. Dudek requested a search of the NAHC SLF, and results were received on January 31, 2024. Results were negative for Native American cultural resources within a half-mile radius of the proposed Project. A cultural resources field survey conducted by Dudek on January 25, 2024, did not identify any Native American cultural resources within the proposed Project, and a review of historical topographic maps and aerial imagery indicate the proposed Project area has been subject to ground disturbances as early as 1953. Cultural resources documentation can be provided upon request. Please note, this information should be considered confidential and is not to be redistributed to individuals without traditional or cultural affiliation to the geographic area.

Consultation Request

If you have any comments or concerns regarding potential impacts to tribal cultural resources (as defined in Public Resources Code § 21074) in relation to the proposed Project, or would like to request any additional information, please contact the City of Norwalk at the address below or via email to Run Chen, RChen@norwalkca.gov. All requests for formal tribal consultation, pursuant to AB 52, must be received within 30 days of receipt of this notice. Please include in any request the name of the designated lead contact person. If you have any questions, please don't hesitate to contact Run Chen at RChen@norwalkca.gov.

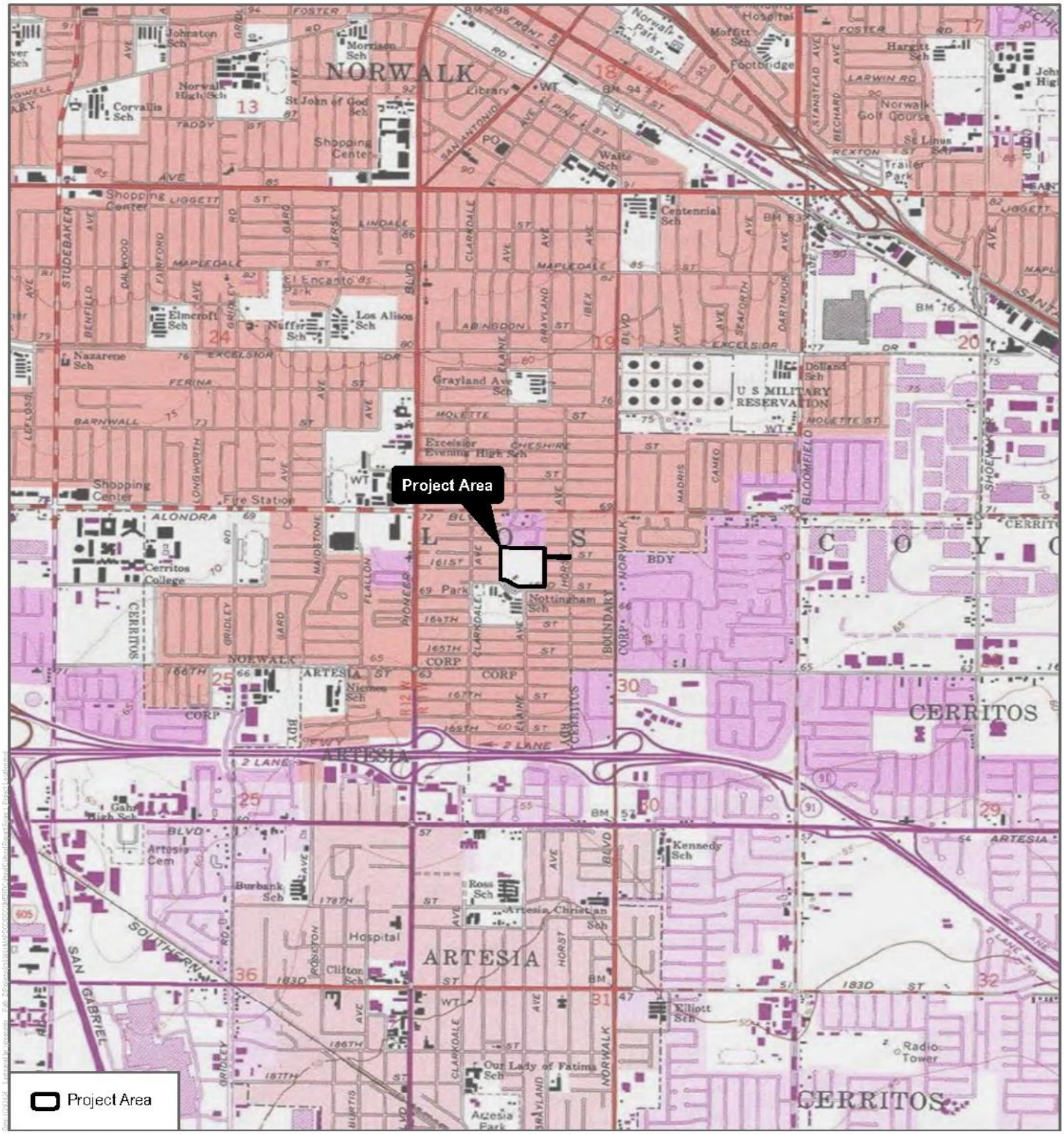
Sincerely,

Run Chen
City of Norwalk
Attn: Hermosillo Park Stormwater Capture and Park Rehabilitation Project
12700 Norwalk Boulevard
Norwalk, CA 90650

Attachments: Figure 1, Project Location

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager



SOURCE: USGS 7.5-Minute Whittier Quadrangles
Township 3S; Range 11W; Section 30

DUDEK

0 1,000 2,000 Feet
0 285 570 Meters
1:24,000

FIGURE 1
Project Location
Hermosillo Park Stormwater Capture and Park Rehabilitation Project

CITY OF NORWALK
A Connected Community

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager

February 9, 2024

Joyce Perry
Tribal Manager
Juaneno Band of Mission Indians Acjachemen Nation
4955 Paseo Segovia
Irvine CA 92603

Re: ***Formal Assembly Bill 52 Notification for the Hermosillo Park Stormwater Capture and Park Rehabilitation Project, City of Norwalk, California***

Dear Ms. Perry

Pursuant to California Assembly Bill (AB) 52, the City of Norwalk (City), as Lead Agency pursuant to the California Environmental Quality Act, is providing you with formal notification of the Hermosillo Park Stormwater Capture and Park Rehabilitation Project (proposed Project), located in the City of Norwalk, in Los Angeles County, California. The City is reaching out to all groups listed on the California Native American Heritage Commission (NAHC) Sacred Lands File (SLF) Contact List in a good faith effort to provide notification of the proposed Project to groups that are traditionally or culturally affiliated with the geographic area. This correspondence is intended as formal notification of the proposed Project pursuant to AB 52.

The present notice includes:

- A description of the proposed Project and location;
- Project Location figure;
- A summary of cultural resources work to date, and summary of associated information that can be made available upon request;
- A clear and definitive statement that the tribe has 30 days to request consultation; and
- The lead agency contact information.

Project Location and Description

The proposed Project is located in the southern portion of the City of Norwalk, at 162nd Street east of Clarkdale Avenue and west of Horst Avenue in Los Angeles County, California, within Section 30 of Township 3 South and Range 11 West of the *Whittier, California* U.S. Geological Survey 7.5-minute series quadrangle map (Figure 1, Project Location).

The project entails constructing and operating a stormwater capture, treatment, and infiltration facility within the northern portion of Hermosillo Park, and implementing a comprehensive park rehabilitation project to replace existing park features with improved amenities that will be similar in nature to the existing features. The stormwater capture component of the proposed Project would divert and capture stormwater runoff from the two existing storm drain facilities within the Project area into three subterranean concrete basins proposed beneath the Park's existing grass fields. Prior to flow into the subterranean basins, runoff would be directed through a pre-treatment device that would remove trash, sediments, and solids present in the runoff. Concurrently with construction of the proposed stormwater capture and treatment infrastructure, the City proposes to install two surf soccer fields with concrete bleacher seating, replace the existing

community center and restroom building, replace and modernize the existing picnic areas and walking paths, add shade structure, and reconfigure and expand the parking lot.

Project Involves Ground Disturbance: Yes

Summary of Cultural Resources Identification Efforts

Cultural resources identification efforts undertaken for the proposed Project include a California Historical Resources Information System records search conducted at the South Central Coastal Information Center, a search of the NAHC SLF, a cultural resources field survey, and a review of historical topographic maps and aerial imagery.

The cultural resources records search conducted by Dudek on January 2, 2024, identified five (5) previous cultural resources studies conducted within a half-mile of the proposed Project, none of which address or intersect with the proposed Project. Additionally, no previously recorded cultural resources were identified within the proposed Project or a half-mile radius. Dudek requested a search of the NAHC SLF, and results were received on January 31, 2024. Results were negative for Native American cultural resources within a half-mile radius of the proposed Project. A cultural resources field survey conducted by Dudek on January 25, 2024, did not identify any Native American cultural resources within the proposed Project, and a review of historical topographic maps and aerial imagery indicate the proposed Project area has been subject to ground disturbances as early as 1953. Cultural resources documentation can be provided upon request. Please note, this information should be considered confidential and is not to be redistributed to individuals without traditional or cultural affiliation to the geographic area.

Consultation Request

If you have any comments or concerns regarding potential impacts to tribal cultural resources (as defined in Public Resources Code § 21074) in relation to the proposed Project, or would like to request any additional information, please contact the City of Norwalk at the address below or via email to Run Chen, RChen@norwalkca.gov. All requests for formal tribal consultation, pursuant to AB 52, must be received within 30 days of receipt of this notice. Please include in any request the name of the designated lead contact person. If you have any questions, please don't hesitate to contact Run Chen at RChen@norwalkca.gov.

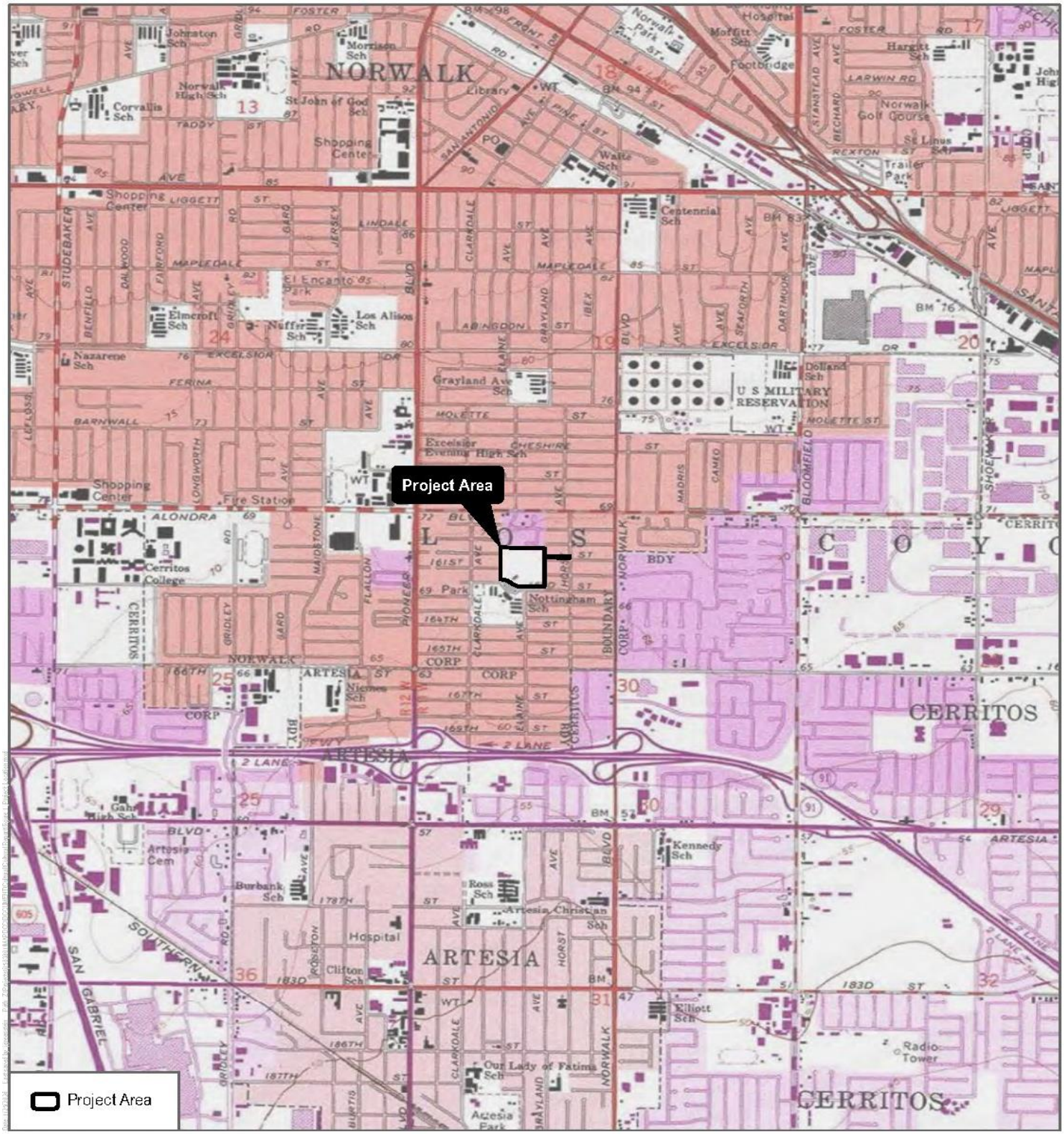
Sincerely,

Run Chen
City of Norwalk
Attn: Hermosillo Park Stormwater Capture and Park Rehabilitation Project
12700 Norwalk Boulevard
Norwalk, CA 90650

Attachments: Figure 1, Project Location

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager



SOURCE: USGS 7.5-Minute Whittier Quadrangles
Township 3S; Range 11W; Section 30

DUDEK

0 1,000 2,000 Feet
0 285 570 Meters
1:24,000

FIGURE 1
Project Location
Hermosillo Park Stormwater Capture and Park Rehabilitation Project

CITY OF NORWALK
A Connected Community

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager

February 9, 2024

Heidi Lucero
Chairperson
Juaneno Band of Mission Indians Acjachemen Nation
31411-A La Matanza Street
San Juan Capistrano CA 92675

Re: ***Formal Assembly Bill 52 Notification for the Hermosillo Park Stormwater Capture and Park Rehabilitation Project, City of Norwalk, California***

Dear Ms. Lucero

Pursuant to California Assembly Bill (AB) 52, the City of Norwalk (City), as Lead Agency pursuant to the California Environmental Quality Act, is providing you with formal notification of the Hermosillo Park Stormwater Capture and Park Rehabilitation Project (proposed Project), located in the City of Norwalk, in Los Angeles County, California. The City is reaching out to all groups listed on the California Native American Heritage Commission (NAHC) Sacred Lands File (SLF) Contact List in a good faith effort to provide notification of the proposed Project to groups that are traditionally or culturally affiliated with the geographic area. This correspondence is intended as formal notification of the proposed Project pursuant to AB 52.

The present notice includes:

- A description of the proposed Project and location;
- Project Location figure;
- A summary of cultural resources work to date, and summary of associated information that can be made available upon request;
- A clear and definitive statement that the tribe has 30 days to request consultation; and
- The lead agency contact information.

Project Location and Description

The proposed Project is located in the southern portion of the City of Norwalk, at 162nd Street east of Clarkdale Avenue and west of Horst Avenue in Los Angeles County, California, within Section 30 of Township 3 South and Range 11 West of the *Whittier, California* U.S. Geological Survey 7.5-minute series quadrangle map (Figure 1, Project Location).

The project entails constructing and operating a stormwater capture, treatment, and infiltration facility within the northern portion of Hermosillo Park, and implementing a comprehensive park rehabilitation project to replace existing park features with improved amenities that will be similar in nature to the existing features. The stormwater capture component of the proposed Project would divert and capture stormwater runoff from the two existing storm drain facilities within the Project area into three subterranean concrete basins proposed beneath the Park's existing grass fields. Prior to flow into the subterranean basins, runoff would be directed through a pre-treatment device that would remove trash, sediments, and solids present in the runoff. Concurrently with construction of the proposed stormwater capture and treatment infrastructure, the City proposes to install two surf soccer fields with concrete bleacher seating, replace the existing

community center and restroom building, replace and modernize the existing picnic areas and walking paths, add shade structure, and reconfigure and expand the parking lot.

Project Involves Ground Disturbance: Yes

Summary of Cultural Resources Identification Efforts

Cultural resources identification efforts undertaken for the proposed Project include a California Historical Resources Information System records search conducted at the South Central Coastal Information Center, a search of the NAHC SLF, a cultural resources field survey, and a review of historical topographic maps and aerial imagery.

The cultural resources records search conducted by Dudek on January 2, 2024, identified five (5) previous cultural resources studies conducted within a half-mile of the proposed Project, none of which address or intersect with the proposed Project. Additionally, no previously recorded cultural resources were identified within the proposed Project or a half-mile radius. Dudek requested a search of the NAHC SLF, and results were received on January 31, 2024. Results were negative for Native American cultural resources within a half-mile radius of the proposed Project. A cultural resources field survey conducted by Dudek on January 25, 2024, did not identify any Native American cultural resources within the proposed Project, and a review of historical topographic maps and aerial imagery indicate the proposed Project area has been subject to ground disturbances as early as 1953. Cultural resources documentation can be provided upon request. Please note, this information should be considered confidential and is not to be redistributed to individuals without traditional or cultural affiliation to the geographic area.

Consultation Request

If you have any comments or concerns regarding potential impacts to tribal cultural resources (as defined in Public Resources Code § 21074) in relation to the proposed Project, or would like to request any additional information, please contact the City of Norwalk at the address below or via email to Run Chen, RChen@norwalkca.gov. All requests for formal tribal consultation, pursuant to AB 52, must be received within 30 days of receipt of this notice. Please include in any request the name of the designated lead contact person. If you have any questions, please don't hesitate to contact Run Chen at RChen@norwalkca.gov.

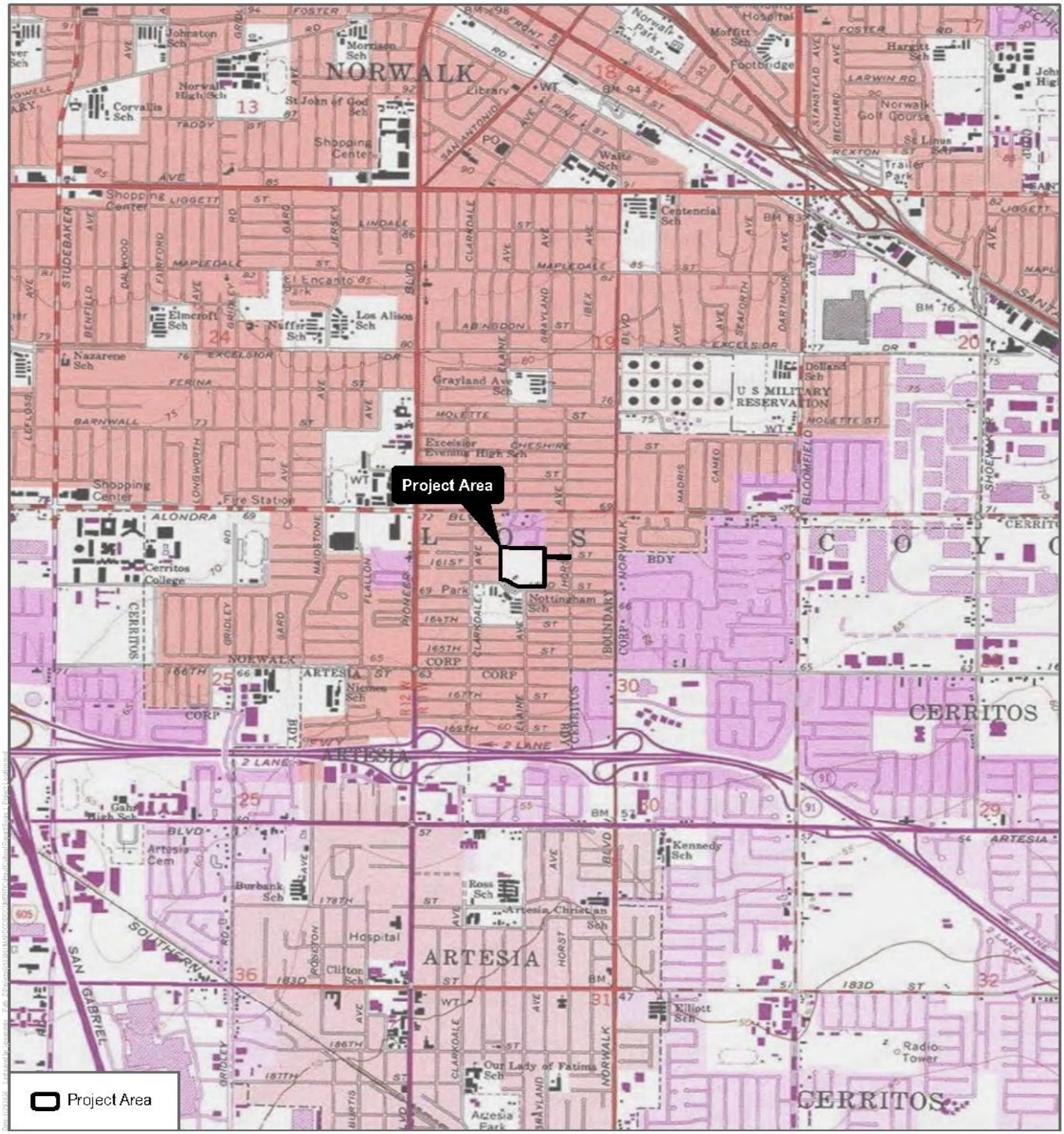
Sincerely,

Run Chen
City of Norwalk
Attn: Hermosillo Park Stormwater Capture and Park Rehabilitation Project
12700 Norwalk Boulevard
Norwalk, CA 90650

Attachments: Figure 1, Project Location

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager



SOURCE: USGS 7.5-Minute Whittier Quadrangles
Township 3S; Range 11W; Section 30

DUDEK

0 1,000 2,000 Feet
0 285 570 Meters
1:24,000

FIGURE 1
Project Location
Hermosillo Park Stormwater Capture and Park Rehabilitation Project

CITY OF NORWALK
A Connected Community

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager

February 9, 2024

Lovina Redner
Tribal Chair
Santa Rosa Band of Cahuilla Indians
P.O. Box 391820
Anza CA 92539

Re: ***Formal Assembly Bill 52 Notification for the Hermosillo Park Stormwater Capture and Park Rehabilitation Project, City of Norwalk, California***

Dear Ms. Redner

Pursuant to California Assembly Bill (AB) 52, the City of Norwalk (City), as Lead Agency pursuant to the California Environmental Quality Act, is providing you with formal notification of the Hermosillo Park Stormwater Capture and Park Rehabilitation Project (proposed Project), located in the City of Norwalk, in Los Angeles County, California. The City is reaching out to all groups listed on the California Native American Heritage Commission (NAHC) Sacred Lands File (SLF) Contact List in a good faith effort to provide notification of the proposed Project to groups that are traditionally or culturally affiliated with the geographic area. This correspondence is intended as formal notification of the proposed Project pursuant to AB 52.

The present notice includes:

- A description of the proposed Project and location;
- Project Location figure;
- A summary of cultural resources work to date, and summary of associated information that can be made available upon request;
- A clear and definitive statement that the tribe has 30 days to request consultation; and
- The lead agency contact information.

Project Location and Description

The proposed Project is located in the southern portion of the City of Norwalk, at 162nd Street east of Clarkdale Avenue and west of Horst Avenue in Los Angeles County, California, within Section 30 of Township 3 South and Range 11 West of the *Whittier, California* U.S. Geological Survey 7.5-minute series quadrangle map (Figure 1, Project Location).

The project entails constructing and operating a stormwater capture, treatment, and infiltration facility within the northern portion of Hermosillo Park, and implementing a comprehensive park rehabilitation project to replace existing park features with improved amenities that will be similar in nature to the existing features. The stormwater capture component of the proposed Project would divert and capture stormwater runoff from the two existing storm drain facilities within the Project area into three subterranean concrete basins proposed beneath the Park's existing grass fields. Prior to flow into the subterranean basins, runoff would be directed through a pre-treatment device that would remove trash, sediments, and solids present in the runoff. Concurrently with construction of the proposed stormwater capture and treatment infrastructure, the City proposes to install two surf soccer fields with concrete bleacher seating, replace the existing

community center and restroom building, replace and modernize the existing picnic areas and walking paths, add shade structure, and reconfigure and expand the parking lot.

Project Involves Ground Disturbance: Yes

Summary of Cultural Resources Identification Efforts

Cultural resources identification efforts undertaken for the proposed Project include a California Historical Resources Information System records search conducted at the South Central Coastal Information Center, a search of the NAHC SLF, a cultural resources field survey, and a review of historical topographic maps and aerial imagery.

The cultural resources records search conducted by Dudek on January 2, 2024, identified five (5) previous cultural resources studies conducted within a half-mile of the proposed Project, none of which address or intersect with the proposed Project. Additionally, no previously recorded cultural resources were identified within the proposed Project or a half-mile radius. Dudek requested a search of the NAHC SLF, and results were received on January 31, 2024. Results were negative for Native American cultural resources within a half-mile radius of the proposed Project. A cultural resources field survey conducted by Dudek on January 25, 2024, did not identify any Native American cultural resources within the proposed Project, and a review of historical topographic maps and aerial imagery indicate the proposed Project area has been subject to ground disturbances as early as 1953. Cultural resources documentation can be provided upon request. Please note, this information should be considered confidential and is not to be redistributed to individuals without traditional or cultural affiliation to the geographic area.

Consultation Request

If you have any comments or concerns regarding potential impacts to tribal cultural resources (as defined in Public Resources Code § 21074) in relation to the proposed Project, or would like to request any additional information, please contact the City of Norwalk at the address below or via email to Run Chen, RChen@norwalkca.gov. All requests for formal tribal consultation, pursuant to AB 52, must be received within 30 days of receipt of this notice. Please include in any request the name of the designated lead contact person. If you have any questions, please don't hesitate to contact Run Chen at RChen@norwalkca.gov.

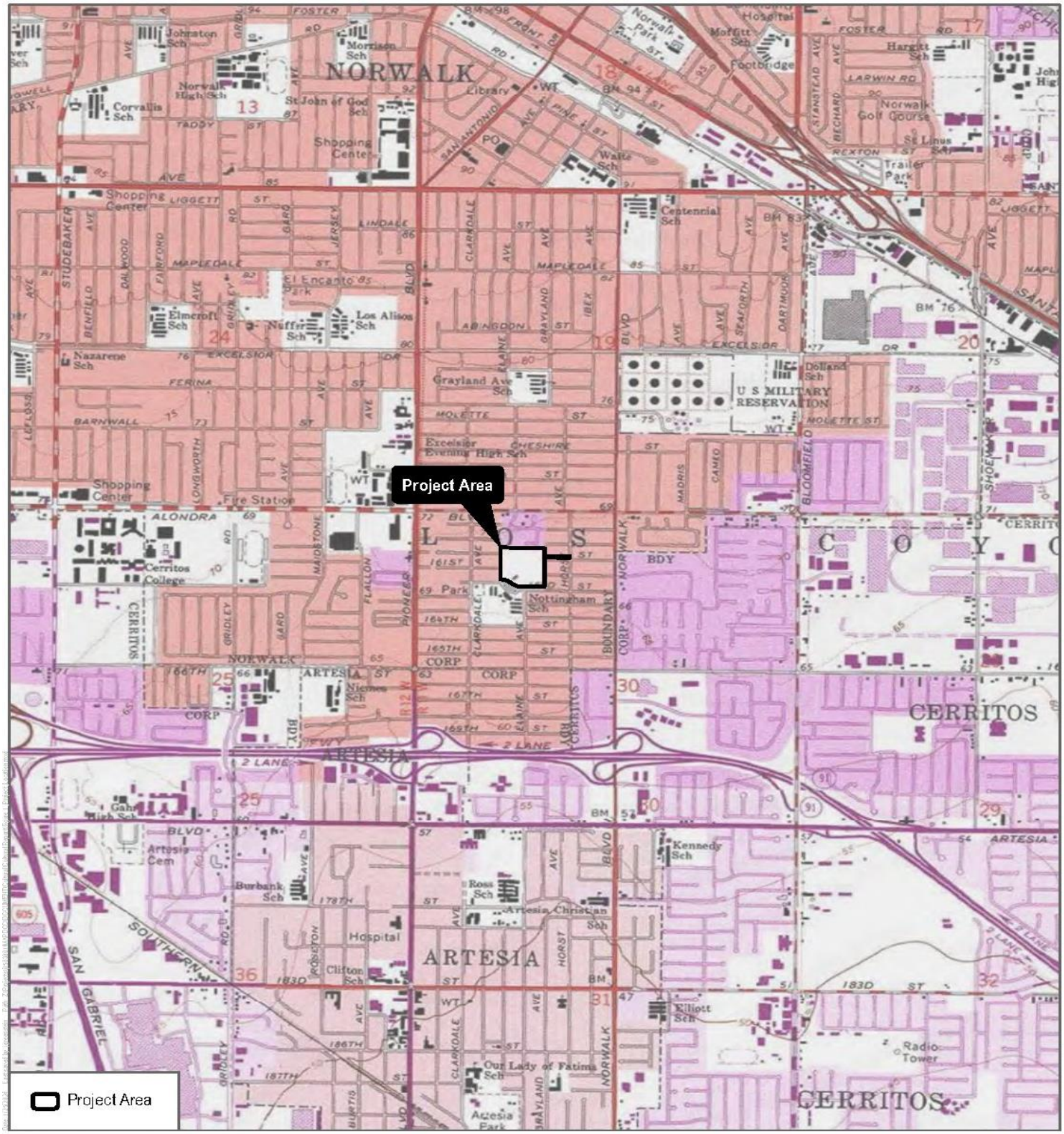
Sincerely,

Run Chen
City of Norwalk
Attn: Hermosillo Park Stormwater Capture and Park Rehabilitation Project
12700 Norwalk Boulevard
Norwalk, CA 90650

Attachments: Figure 1, Project Location

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager



SOURCE: USGS 7.5-Minute Whittier Quadrangles
Township 3S; Range 11W; Section 30

DUDEK

0 1,000 2,000 Feet
0 285 570 Meters
1:24,000

FIGURE 1
Project Location
Hermosillo Park Stormwater Capture and Park Rehabilitation Project

CITY OF NORWALK
A Connected Community

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager

February 9, 2024

Joseph Ontiveros
Cultural Resource Department
Soboba Band of Luiseno Indians
P.O. Box 487
San Jacinto CA 92581

Re: ***Formal Assembly Bill 52 Notification for the Hermosillo Park Stormwater Capture and Park Rehabilitation Project, City of Norwalk, California***

Dear Mr. Ontiveros

Pursuant to California Assembly Bill (AB) 52, the City of Norwalk (City), as Lead Agency pursuant to the California Environmental Quality Act, is providing you with formal notification of the Hermosillo Park Stormwater Capture and Park Rehabilitation Project (proposed Project), located in the City of Norwalk, in Los Angeles County, California. The City is reaching out to all groups listed on the California Native American Heritage Commission (NAHC) Sacred Lands File (SLF) Contact List in a good faith effort to provide notification of the proposed Project to groups that are traditionally or culturally affiliated with the geographic area. This correspondence is intended as formal notification of the proposed Project pursuant to AB 52.

The present notice includes:

- A description of the proposed Project and location;
- Project Location figure;
- A summary of cultural resources work to date, and summary of associated information that can be made available upon request;
- A clear and definitive statement that the tribe has 30 days to request consultation; and
- The lead agency contact information.

Project Location and Description

The proposed Project is located in the southern portion of the City of Norwalk, at 162nd Street east of Clarkdale Avenue and west of Horst Avenue in Los Angeles County, California, within Section 30 of Township 3 South and Range 11 West of the *Whittier, California* U.S. Geological Survey 7.5-minute series quadrangle map (Figure 1, Project Location).

The project entails constructing and operating a stormwater capture, treatment, and infiltration facility within the northern portion of Hermosillo Park, and implementing a comprehensive park rehabilitation project to replace existing park features with improved amenities that will be similar in nature to the existing features. The stormwater capture component of the proposed Project would divert and capture stormwater runoff from the two existing storm drain facilities within the Project area into three subterranean concrete basins proposed beneath the Park's existing grass fields. Prior to flow into the subterranean basins, runoff would be directed through a pre-treatment device that would remove trash, sediments, and solids present in the runoff. Concurrently with construction of the proposed stormwater capture and treatment infrastructure, the City proposes to install two surf soccer fields with concrete bleacher seating, replace the existing

community center and restroom building, replace and modernize the existing picnic areas and walking paths, add shade structure, and reconfigure and expand the parking lot.

Project Involves Ground Disturbance: Yes

Summary of Cultural Resources Identification Efforts

Cultural resources identification efforts undertaken for the proposed Project include a California Historical Resources Information System records search conducted at the South Central Coastal Information Center, a search of the NAHC SLF, a cultural resources field survey, and a review of historical topographic maps and aerial imagery.

The cultural resources records search conducted by Dudek on January 2, 2024, identified five (5) previous cultural resources studies conducted within a half-mile of the proposed Project, none of which address or intersect with the proposed Project. Additionally, no previously recorded cultural resources were identified within the proposed Project or a half-mile radius. Dudek requested a search of the NAHC SLF, and results were received on January 31, 2024. Results were negative for Native American cultural resources within a half-mile radius of the proposed Project. A cultural resources field survey conducted by Dudek on January 25, 2024, did not identify any Native American cultural resources within the proposed Project, and a review of historical topographic maps and aerial imagery indicate the proposed Project area has been subject to ground disturbances as early as 1953. Cultural resources documentation can be provided upon request. Please note, this information should be considered confidential and is not to be redistributed to individuals without traditional or cultural affiliation to the geographic area.

Consultation Request

If you have any comments or concerns regarding potential impacts to tribal cultural resources (as defined in Public Resources Code § 21074) in relation to the proposed Project, or would like to request any additional information, please contact the City of Norwalk at the address below or via email to Run Chen, RChen@norwalkca.gov. All requests for formal tribal consultation, pursuant to AB 52, must be received within 30 days of receipt of this notice. Please include in any request the name of the designated lead contact person. If you have any questions, please don't hesitate to contact Run Chen at RChen@norwalkca.gov.

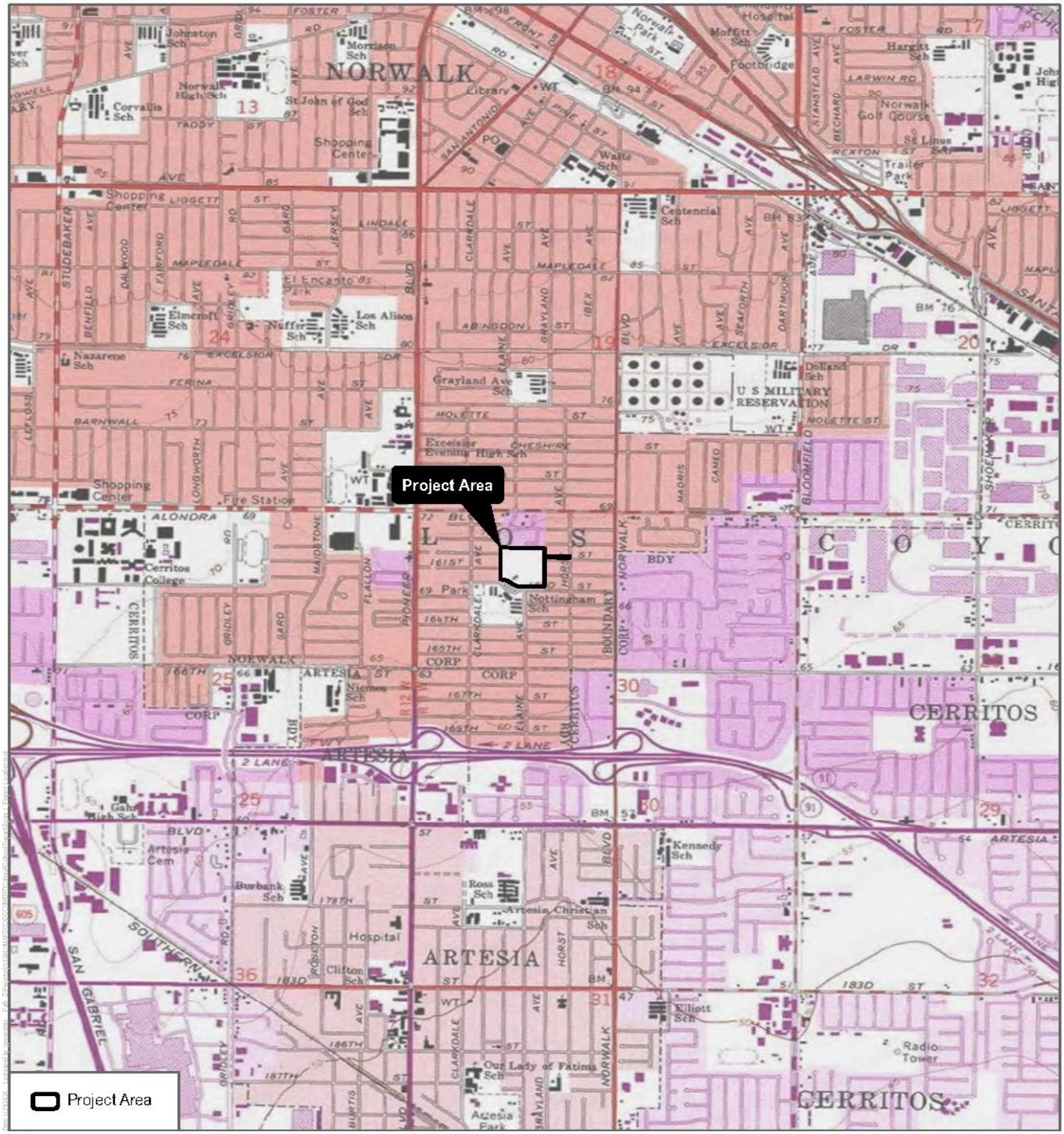
Sincerely,

Run Chen
City of Norwalk
Attn: Hermosillo Park Stormwater Capture and Park Rehabilitation Project
12700 Norwalk Boulevard
Norwalk, CA 90650

Attachments: Figure 1, Project Location

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager



SOURCE: USGS 7.5-Minute Whittier Quadrangles
Township 3S; Range 11W; Section 30

DUDEK

0 1,000 2,000 Feet
0 285 570 Meters
1:24,000

FIGURE 1
Project Location
Hermosillo Park Stormwater Capture and Park Rehabilitation Project

CITY OF NORWALK
A Connected Community

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager

February 9, 2024

Jessica Valdez
Cultural Resources Specialist
Soboba Band of Luiseno Indians
P.O. Box 487
San Jacinto CA 92581

Re: ***Formal Assembly Bill 52 Notification for the Hermosillo Park Stormwater Capture and Park Rehabilitation Project, City of Norwalk, California***

Dear Ms. Valdez

Pursuant to California Assembly Bill (AB) 52, the City of Norwalk (City), as Lead Agency pursuant to the California Environmental Quality Act, is providing you with formal notification of the Hermosillo Park Stormwater Capture and Park Rehabilitation Project (proposed Project), located in the City of Norwalk, in Los Angeles County, California. The City is reaching out to all groups listed on the California Native American Heritage Commission (NAHC) Sacred Lands File (SLF) Contact List in a good faith effort to provide notification of the proposed Project to groups that are traditionally or culturally affiliated with the geographic area. This correspondence is intended as formal notification of the proposed Project pursuant to AB 52.

The present notice includes:

- A description of the proposed Project and location;
- Project Location figure;
- A summary of cultural resources work to date, and summary of associated information that can be made available upon request;
- A clear and definitive statement that the tribe has 30 days to request consultation; and
- The lead agency contact information.

Project Location and Description

The proposed Project is located in the southern portion of the City of Norwalk, at 162nd Street east of Clarkdale Avenue and west of Horst Avenue in Los Angeles County, California, within Section 30 of Township 3 South and Range 11 West of the *Whittier, California* U.S. Geological Survey 7.5-minute series quadrangle map (Figure 1, Project Location).

The project entails constructing and operating a stormwater capture, treatment, and infiltration facility within the northern portion of Hermosillo Park, and implementing a comprehensive park rehabilitation project to replace existing park features with improved amenities that will be similar in nature to the existing features. The stormwater capture component of the proposed Project would divert and capture stormwater runoff from the two existing storm drain facilities within the Project area into three subterranean concrete basins proposed beneath the Park's existing grass fields. Prior to flow into the subterranean basins, runoff would be directed through a pre-treatment device that would remove trash, sediments, and solids present in the runoff. Concurrently with construction of the proposed stormwater capture and treatment infrastructure, the City proposes to install two surf soccer fields with concrete bleacher seating, replace the existing

community center and restroom building, replace and modernize the existing picnic areas and walking paths, add shade structure, and reconfigure and expand the parking lot.

Project Involves Ground Disturbance: Yes

Summary of Cultural Resources Identification Efforts

Cultural resources identification efforts undertaken for the proposed Project include a California Historical Resources Information System records search conducted at the South Central Coastal Information Center, a search of the NAHC SLF, a cultural resources field survey, and a review of historical topographic maps and aerial imagery.

The cultural resources records search conducted by Dudek on January 2, 2024, identified five (5) previous cultural resources studies conducted within a half-mile of the proposed Project, none of which address or intersect with the proposed Project. Additionally, no previously recorded cultural resources were identified within the proposed Project or a half-mile radius. Dudek requested a search of the NAHC SLF, and results were received on January 31, 2024. Results were negative for Native American cultural resources within a half-mile radius of the proposed Project. A cultural resources field survey conducted by Dudek on January 25, 2024, did not identify any Native American cultural resources within the proposed Project, and a review of historical topographic maps and aerial imagery indicate the proposed Project area has been subject to ground disturbances as early as 1953. Cultural resources documentation can be provided upon request. Please note, this information should be considered confidential and is not to be redistributed to individuals without traditional or cultural affiliation to the geographic area.

Consultation Request

If you have any comments or concerns regarding potential impacts to tribal cultural resources (as defined in Public Resources Code § 21074) in relation to the proposed Project, or would like to request any additional information, please contact the City of Norwalk at the address below or via email to Run Chen, RChen@norwalkca.gov. All requests for formal tribal consultation, pursuant to AB 52, must be received within 30 days of receipt of this notice. Please include in any request the name of the designated lead contact person. If you have any questions, please don't hesitate to contact Run Chen at RChen@norwalkca.gov.

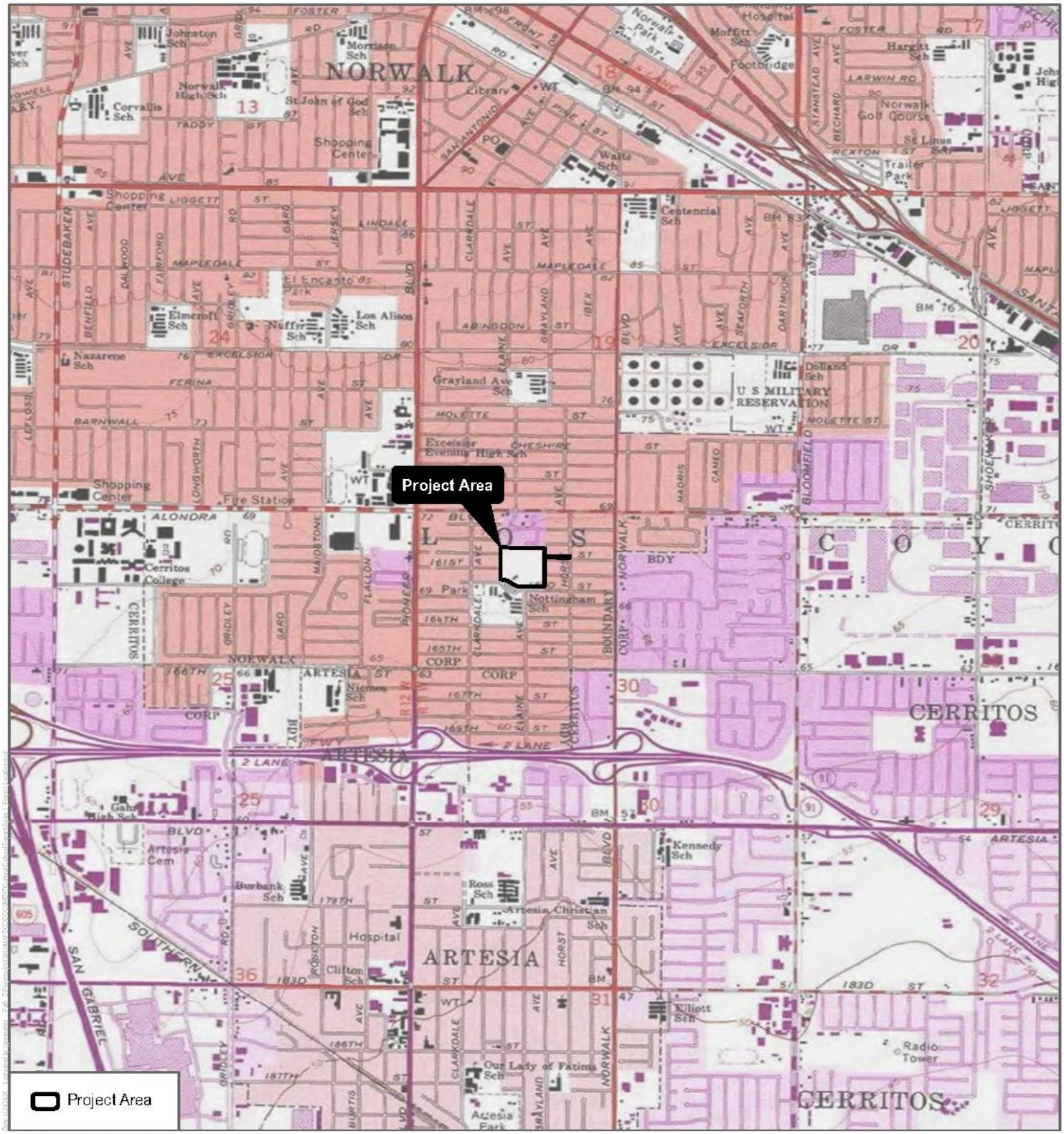
Sincerely,

Run Chen
City of Norwalk
Attn: Hermosillo Park Stormwater Capture and Park Rehabilitation Project
12700 Norwalk Boulevard
Norwalk, CA 90650

Attachments: Figure 1, Project Location

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager



SOURCE: USGS 7.5-Minute Whittier Quadrangles
Township 3S; Range 11W; Section 30

DUDEK

0 1,000 2,000 Feet
0 285 570 Meters
1:24,000

FIGURE 1
Project Location
Hermosillo Park Stormwater Capture and Park Rehabilitation Project

CITY OF NORWALK
A Connected Community

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager

February 9, 2024

Christina Swindall Martinez
Secretary
Gabrieleno Band of Mission Indians
P.O. Box 393
Covina CA 91723

Re: ***Formal Assembly Bill 52 Notification for the Hermosillo Park Stormwater Capture and Park Rehabilitation Project, City of Norwalk, California***

Dear Ms. Martinez

Pursuant to California Assembly Bill (AB) 52, the City of Norwalk (City), as Lead Agency pursuant to the California Environmental Quality Act, is providing you with formal notification of the Hermosillo Park Stormwater Capture and Park Rehabilitation Project (proposed Project), located in the City of Norwalk, in Los Angeles County, California. The City is reaching out to all groups listed on the California Native American Heritage Commission (NAHC) Sacred Lands File (SLF) Contact List in a good faith effort to provide notification of the proposed Project to groups that are traditionally or culturally affiliated with the geographic area. This correspondence is intended as formal notification of the proposed Project pursuant to AB 52.

The present notice includes:

- A description of the proposed Project and location;
- Project Location figure;
- A summary of cultural resources work to date, and summary of associated information that can be made available upon request;
- A clear and definitive statement that the tribe has 30 days to request consultation; and
- The lead agency contact information.

Project Location and Description

The proposed Project is located in the southern portion of the City of Norwalk, at 162nd Street east of Clarkdale Avenue and west of Horst Avenue in Los Angeles County, California, within Section 30 of Township 3 South and Range 11 West of the *Whittier, California* U.S. Geological Survey 7.5-minute series quadrangle map (Figure 1, Project Location).

The project entails constructing and operating a stormwater capture, treatment, and infiltration facility within the northern portion of Hermosillo Park, and implementing a comprehensive park rehabilitation project to replace existing park features with improved amenities that will be similar in nature to the existing features. The stormwater capture component of the proposed Project would divert and capture stormwater runoff from the two existing storm drain facilities within the Project area into three subterranean concrete basins proposed beneath the Park's existing grass fields. Prior to flow into the subterranean basins, runoff would be directed through a pre-treatment device that would remove trash, sediments, and solids present in the runoff. Concurrently with construction of the proposed stormwater capture and treatment infrastructure, the City proposes to install two surf soccer fields with concrete bleacher seating, replace the existing

community center and restroom building, replace and modernize the existing picnic areas and walking paths, add shade structure, and reconfigure and expand the parking lot.

Project Involves Ground Disturbance: Yes

Summary of Cultural Resources Identification Efforts

Cultural resources identification efforts undertaken for the proposed Project include a California Historical Resources Information System records search conducted at the South Central Coastal Information Center, a search of the NAHC SLF, a cultural resources field survey, and a review of historical topographic maps and aerial imagery.

The cultural resources records search conducted by Dudek on January 2, 2024, identified five (5) previous cultural resources studies conducted within a half-mile of the proposed Project, none of which address or intersect with the proposed Project. Additionally, no previously recorded cultural resources were identified within the proposed Project or a half-mile radius. Dudek requested a search of the NAHC SLF, and results were received on January 31, 2024. Results were negative for Native American cultural resources within a half-mile radius of the proposed Project. A cultural resources field survey conducted by Dudek on January 25, 2024, did not identify any Native American cultural resources within the proposed Project, and a review of historical topographic maps and aerial imagery indicate the proposed Project area has been subject to ground disturbances as early as 1953. Cultural resources documentation can be provided upon request. Please note, this information should be considered confidential and is not to be redistributed to individuals without traditional or cultural affiliation to the geographic area.

Consultation Request

If you have any comments or concerns regarding potential impacts to tribal cultural resources (as defined in Public Resources Code § 21074) in relation to the proposed Project, or would like to request any additional information, please contact the City of Norwalk at the address below or via email to Run Chen, RChen@norwalkca.gov. All requests for formal tribal consultation, pursuant to AB 52, must be received within 30 days of receipt of this notice. Please include in any request the name of the designated lead contact person. If you have any questions, please don't hesitate to contact Run Chen at RChen@norwalkca.gov.

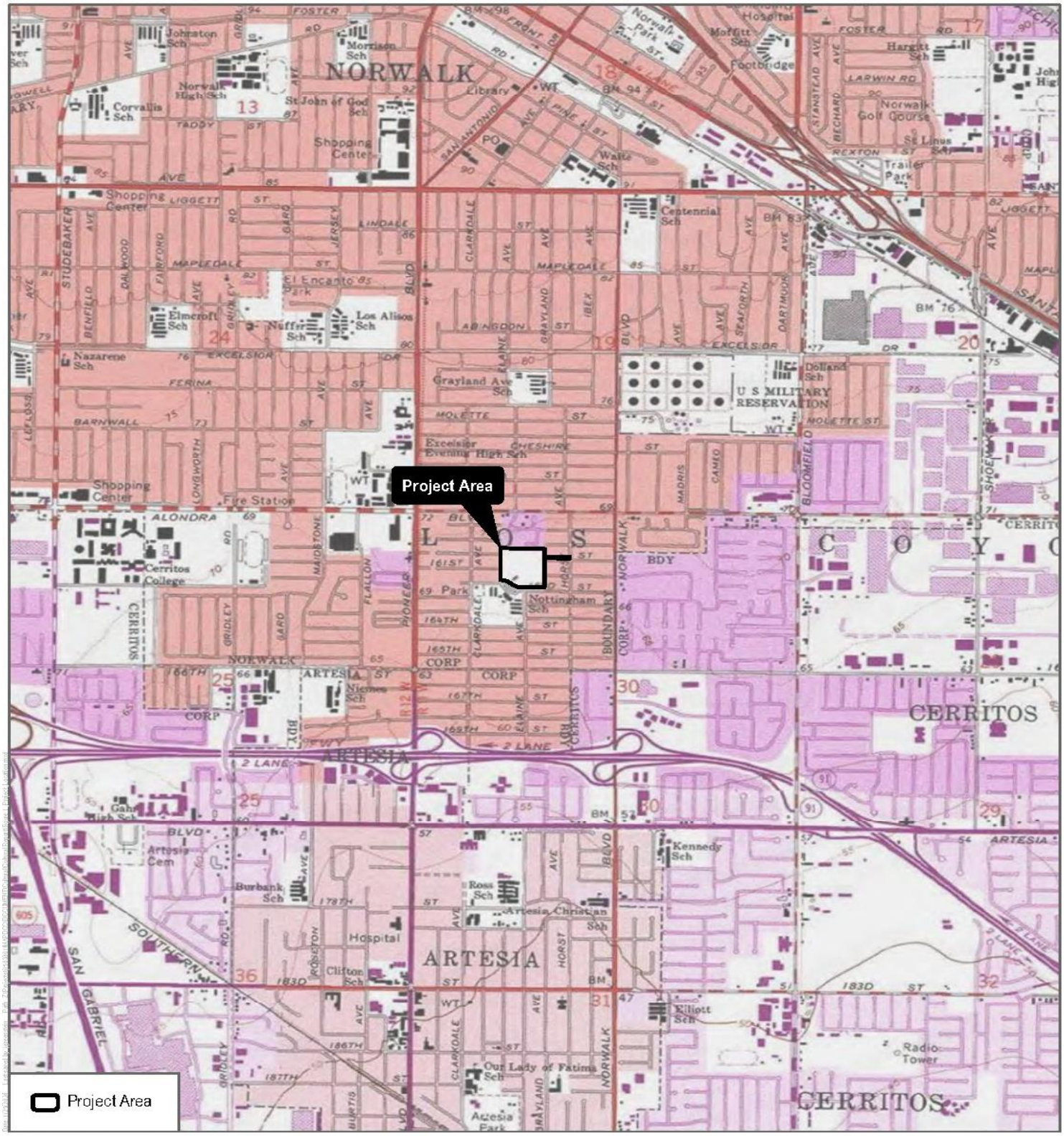
Sincerely,

Run Chen
City of Norwalk
Attn: Hermosillo Park Stormwater Capture and Park Rehabilitation Project
12700 Norwalk Boulevard
Norwalk, CA 90650

Attachments: Figure 1, Project Location

Margarita L. Rios, Mayor
Tony Ayala, Vice Mayor
Jennifer Perez, Councilmember
Rick Ramirez, Councilmember
Ana Valencia, Councilmember

Jesus M. Gomez, City Manager



SOURCE: USGS 7.5-Minute Whittier Quadrangles
Township 3S; Range 11W; Section 30

DUDEK

0 1,000 2,000 Feet
0 285 570 Meters
1:24,000

FIGURE 1
Project Location
Hermosillo Park Stormwater Capture and Park Rehabilitation Project

GABRIELENO BAND OF MISSION INDIANS - KIZH NATION
Historically known as The Gabrielino Tribal Council - San Gabriel Band of Mission Indians
recognized by the State of California as the aboriginal tribe of the Los Angeles basin

February 20

Project Name: Hermosillo Park Stormwater Capture and Park Rehabilitation

Dear Run Chen,

Thank you for your letter dated January 20,2024 regarding AB52 consultation. The above proposed project location is within our Ancestral Tribal Territory; therefore, our Tribal Government requests to schedule a consultation with you as the lead agency, to discuss the project and the surrounding location in further detail.

Please contact us at your earliest convenience. ***Please Note:AB 52, "consultation" shall have the same meaning as provided in SB 18 (Govt. Code Section 65352.4).***

Thank you for your time,

Andrew Salas, Chairman
Gabrieleno Band of Mission Indians – Kizh Nation
1(844)390-0787

Andrew Salas, Chairman | Nadine Salas, Vice-Chairman | Dr. Christina Swindall Martinez, secretary
Albert Perez, treasurer I | Martha Gonzalez Lemos, treasurer II | Richard Gradias, Chairman of the council of Elders

PO Box 393 Covina, CA 91723 admin@gabrielenoindians.org